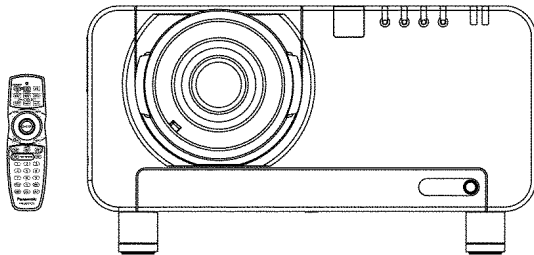


Service Manual

DLP Based Projector



PT-DZ12000U

PT-DZ12000E

PT-D12000U

PT-D12000E

PT-DW100U

PT-DW100E

The service technician is required to read and follow the "Safety Precautions" and "Important Safety Notice" in this service manual.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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All other trademarks are the property of the various trademark owners.

CAUTION

Lithium Battery

Risk of explosion if battery is replaced by an incorrect type. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

(See also Operating Instructions.)

Precaution

If using of this projector at high altitudes (1 400 - 2 700 m), set ALTITUDE MODE in PROJECTOR SETUP menu to ON.

Failure to observe this may cause malfunctions.

Never use this projector at an altitude of 2 700 m or higher.

Using this projector at high altitudes, consult your dealer or Authorized Service Center about preparations.

Purchase of this equipment includes the rights to use this software (the built-in microcomputer and information recorded on ROMs) but does not grant copyrights. Do not reverse engineer, change or modify the software.

The guarantee will not be valid for any malfunctions caused by such actions.

About lead free solder (PbF)

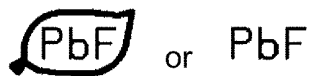
This projector is using the P.C.Board which applies lead free solder. Use lead free solder in servicing from the standpoint of antipollution for the global environment.

Notes:

- Lead free solder: Sn-Ag-Cu (tin, silver and copper) has a higher melting point (approx. 217°C) than standard solder. Typically, the melting point is 30°C to 40°C higher. When servicing, use a high temperature soldering iron with temperature limitation function and set it to 370±10°C.
- Be precautions about lead free solder: Sn-Ag-Cu (tin, silver and copper) will tend to splash when heated too high (approx. 600°C or higher).
- Use lead free solder for the P.C.Board (specified on it as "PbF") which uses lead free solder.
- After soldering to double layered P.C.Boards, check the component side for excess solder which may flow onto the opposite side.

About the identification of the lead free solder P.C.Board

For the P.C.Board which applies lead free solder, the symbol as shown in the figure below is printed or stamped on the surface or the back of P.C.Board.



For US

IMPORTANT SAFETY NOTICE

There are special parts used in Panasonic DLP based Projectors which are important for safety. These parts are shaded on the schematic diagram. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of PANASONIC BROADCAST & TELEVISION SYSTEMS COMPANY.

WARNING:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any unauthorized changes or modifications to this equipment will void the users authority to operate.

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1 Safety Precautions

1.1. General Guidelines

- For continued safety, no modification of any circuit must be attempted.
- Unplug the power cord from the power outlet before disassembling this projector.
- Use correctly the supplied power cord and must ground it.
- It is advisable to use an isolation transformer in the AC power line before the service.
- Be careful not to touch the rotation part (cooling fan, etc.) of this projector when you service with the upper case removed and the power supply turned ON.
- Observe the original lead dress during the service. If a short circuit is found, replace all the parts overheated or damaged by the short circuit.
- After the service, all the protective devices such as insulation barriers, insulation papers, shields, and isolation R-C combinations must be properly installed.
- After the service, check the leakage current to prevent the customer from getting an electric shock.

1.2. Leakage Current Check

1. Prepare the measuring circuit as shown in Fig.1.

Be sure to use a voltmeter having the performance described in Table 1.

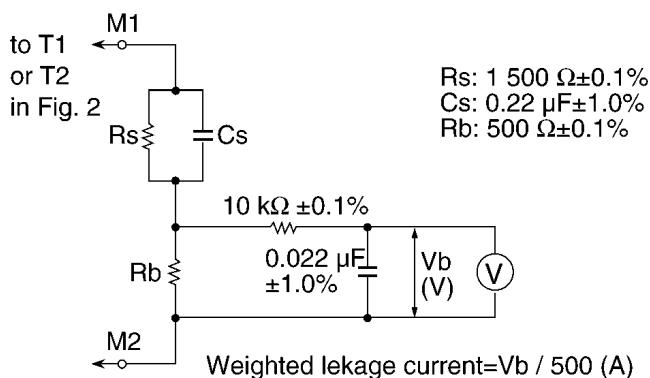


Fig. 1

	Performance
Voltmeter (rms reading)	Accuracy: $\leq 2\%$
	Input resistance: ≥ 1 M Ω
	Input capacitance: ≤ 200 pF
	Frequency range: 15 Hz to 1 MHz

Table 1

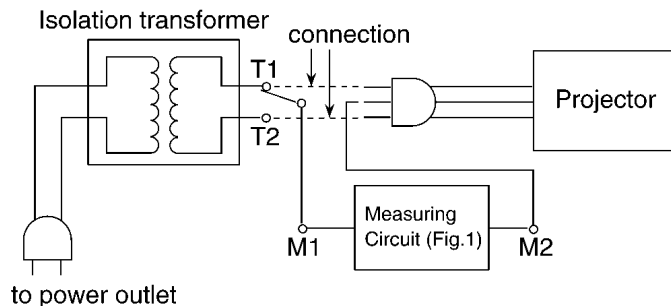


Fig. 2

2. Assemble the circuit as shown in Fig. 2. Plug the power cord in a power outlet.
3. Connect M1 to T1 according to Fig. 2 and measure the voltage.
4. Change the connection of M1 from T1 to T2 and measure the voltage again.
5. The voltmeter must read 0.375 V or lower in both of steps 3 and 4. This means that the current must be 0.75 mA or less.
6. If the reading is out of the above standard, the projector must be repaired and rechecked before returning to the customer because of a possibility of an electric shock.

1.3. UV Precaution and UHM Lamp Precautions

- Be sure to unplug the power cord from the power outlet when replacing the lamp.
- Because the lamp reaches a very high temperature during its operation, wait until it cools completely when replacing the Lamp Unit.
- The lamp emits small amounts of UV-radiation, avoid direct-eye contact with the light.
- The lamp unit has high internal pressure. If improperly handled, explosion might result.

2 Specifications

Model No.	PT-DZ12000U/E	PT-D12000U/E	PT-DW100U/E
Power supply	AC 120 - 240 V, 50 Hz/60 Hz (DZ12000U/D12000U/DW100U) AC 220 V-240 V, 50 Hz/60 Hz (DZ12000E/D12000E/DW100E)		
Power consumption	1 600 W - 1 500 W (about 10 W (120V AC)/15 W (240V AC) in standby) (DZ12000U/D12000U/DW100U) 1 500 W (about 15 W in standby) (DZ12000E/D12000E/DW100E)		
Amps	16 A-9.0 A (DZ12000U/D12000U/DW100U), 9.5A (DZ12000E/D12000E/DW100E)		
DLP® Chip			
Panel size	0.96 inch (aspect ratio 16:10)	0.95 inch (aspect ratio 4:3)	0.85 inch (aspect ratio 16:9)
Display system	Three-unit DLP® chip, DLP® type		
Number of pixels	3 x 2 304 000 pixels (1 920 x 1 200 dots)	3 x 1 470 000 pixels (1 400 x 1 050 dots)	3 x 1 049 088pixels (1 366 x 768 dots)
Lens			
Powered zoom	Option		
Powered focus control			
Projection lamp	4 bulbs x 300 W UHM lamp		
Optical output	12 000 lm (ANSI)	12 000 lm (ANSI)	10 000 lm (ANSI)
Applicable scanning frequency	Horizontally 15.75 kHz/15.63 kHz, vertically 60 Hz/50 Hz Horizontally 15 kHz-100 kHz, vertically 24 Hz-120 Hz, Panasonic Intelligent Auto Scanning (PIAS) system Dot clock frequency 20 MHz-162 MHz 480p, 576p, 720/60p, 720/59.94p, 720/50p, 1080/60p, 1080/59.94p, 1080/50p, 1080/60i, 1080/59.94i, 1080/50i, 1080/24sF, 1080/23.98sF, 1080/30p, 1080/29.97p, 1080/25p, 1080/24p, 1080/23.98p Displayable resolution: VGA-WUXGA (non-interlace) Dot clock frequency: 25 MHz-162 MHz • The WUXGA signals support only VESA CVT-RB (Reduced Blanking) signals.		
For video signal (S-video included)			
For RGB signal			
For DVI-D signal			
For YPbPr signal	[480i], horizontally 15.73 kHz, vertically 59.94 Hz [480p], horizontally 31.5 kHz, vertically 59.94 Hz [576i], horizontally 15.63 kHz, vertically 50 Hz [576p], horizontally 31.25 kHz, vertically 50 Hz [720/50p], horizontally 37.5 kHz, vertically 50 Hz [720/60p], horizontally 45 kHz, vertically 60 Hz [1035/60i], horizontally 33.75 kHz, vertically 60 Hz [1080/60i], horizontally 33.75 kHz, vertically 60 Hz [1080/50i], horizontally 28.13 kHz, vertically 50 Hz [1080/24p], horizontally 27 kHz, vertically 24 Hz [1080/30p], horizontally 33.75 kHz, vertically 30 Hz [1080/25p], horizontally 28.13 kHz, vertically 25 Hz [1080/24sF], horizontally 27 kHz, vertically 48 Hz [1080/60p], horizontally 67.5 kHz, vertically 60 Hz [1080/50p], horizontally 56.25 kHz, vertically 50 Hz • HD/SYNC, VD terminals are not compliant with 3 value composite SYNC.		
Color system	7 standards (NTSC/NTSC4.43/PAL/PAN-N/PAL-M/SECAM/PAL60)		
Screen size	70 inch - 600 inch*1		
Screen aspect ratio	16:10	4:3	16:9
Projection scheme	Menu-selectable from front/rear/ceiling mount, and floor standing		
Contrast ratio (full white/full black)	5 000:1 (when "DYNAMIC IRIS" has been set to "3")		
Interface ports			
RGB1 input terminal	1 set, BNC x 5 [For YPbPr input] Y: 1.0 V[p-p] synchronization signal included, PbPr: 0.7 V[p-p] 75 Ω [For RGB input] 0.7 V[p-p] 75 Ω For G-SYNC: 1.0 V[p-p] 75 Ω HD/SYNC: 75 Ω, 1.4-5 V[p-p], positive/negative polarity automatically adjusted VD: 75 Ω, 1.4-5 V[p-p], positive/negative polarity automatically adjusted		

*1 70 inch-300 inch for ET-D75LE5

Model No.	PT-DZ12000U/E	PT-D12000U/E	PT-DW100U/E
Interface ports			
RGB2 input terminal	1 set of high-density, D-sub 15p (female) [For YPbPr input] Y: 1.0 V [p-p] synchronization signal included, PbPr: 0.7 V[p-p] 75 Ω [For RGB input] 0.7 V[p-p] 75 Ω For G-SYNC: 1.0 V[p-p] 75 Ω HD/SYNC: TTL, high-impedance, positive/negative polarity automatically adjusted VD: TTL, high-impedance, positive/negative polarity automatically adjusted • HD/SYNC, and VD terminals are not compliant with 3-value direct SYNC.		
Video input/output terminal	1 set BNC 1.0 V[p-p] 75 Ω (Active through for Video output)		
S-video input terminal	1 set Mini DIN 4p Y 1.0 V[p-p] C 0.286 V[p-p] 75 Ω Compliant with S1 signals		
DVI-D input terminal	1 set DVI 1.0 compliant HDCP (Single link only) compatible		
LAN terminal	1 set (Used for network connection) 10BASE-T/100BASE-TX PLink™ compatible		
Serial input terminal	2 set D-sub 9-pin (female), RS-232C/RS422 compliant Used for personal computer control		
Serial output terminal	1 set D-sub 9-pin (male), RS-422 compliant Used for personal computer control		
Remote1 input/output terminal	1 set each for M3 pin jack Wired remote control, used for link control		
Remote2 terminal	D-sub 9-pin (female) Used for external control		
Input module connection slot	One system		
Length of power supply cord	3.0 m		
Cabinet	Molded resin		
Outside dimensions	Width: 578 mm ; Height : 320 mm; Depth: 643 mm		
Weight	approx. 35 kg (without optional projection lens)*2		
Working environment condition	*3 Ambient temperature: 0 to 45°C Ambient humidity: 10 to 80% (no condensation)		
Remote control			
Power source	3 V DC (two AA dry cells)		
Operation range	approx. 30 m (in front of beam receiver)		
Mass	134 g(including dry cells)		
Outside dimensions	Width: 51 mm, Thickness: 23 mm , Depth: 176 mm		
Optional			
Hanging attachment (For high ceiling)	: ET-PKD100H		
Hanging attachment (For low ceiling)	: ET-PKD100S		
Projection lens	: ET-D75LE1, ET-D75LE2, ET-D75LE3, ET-D75LE4, ET-D75LE5, ET-D75LE6, ET-D75LE8		
DVI-D input module	: ET-MD77DV		
SD-SDI input module	: ET-MD77SD1		
HD/SD-SDI input Module	: ET-MD77SD3		
Dual link HD/SD-SDI input module	: ET-MD100SD4		
Replacement lamp unit	: ET-LAD12K (single bulb), ET-LAD12KF (4 bulbs)		

*2 This is the average value. It may differ depending on each product.

*3 When the projector is used in high altitude mode (1 400 to 2 700 m), the ambient temperature is 0 °C to 40 °C. Furthermore, if the ambient temperature becomes 40 °C or more (35 °C in high altitude mode) when using the projector with lamp 4 lit, light output may be reduced by approximately 30% to protect the projector. When a smoke cut filter is used, the ambient temperature is 0 °C to 35 °C. However, use at high altitudes is not possible.

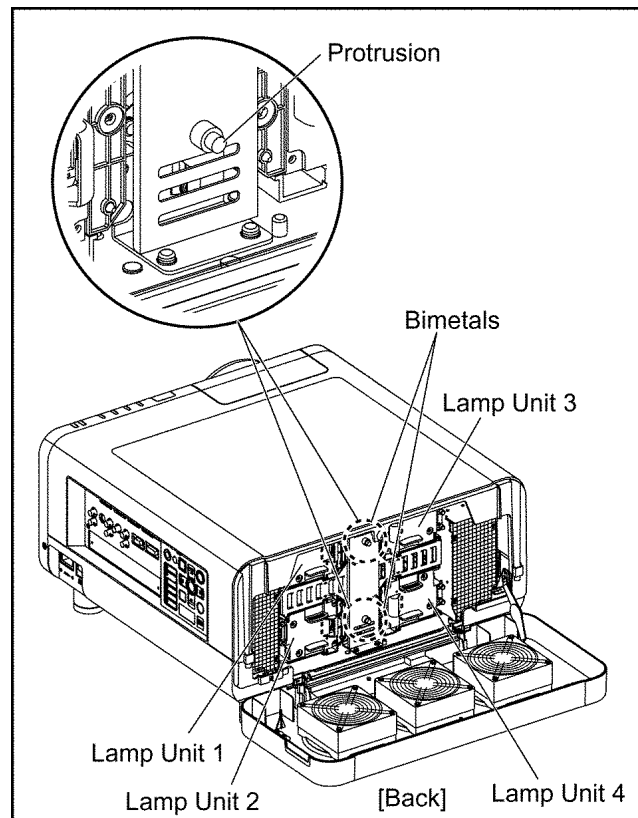
3 Function for Safety

3.1. Temperature Detection inside the Lamp Unit

This projector has 2 bimetals contacting the lamp units to protect the lamps.

If the temperature of one of the lamp units exceeds 150°C, the bimetals will operate to turn off the power. The installed position of the bimetals is shown in the figure at right.

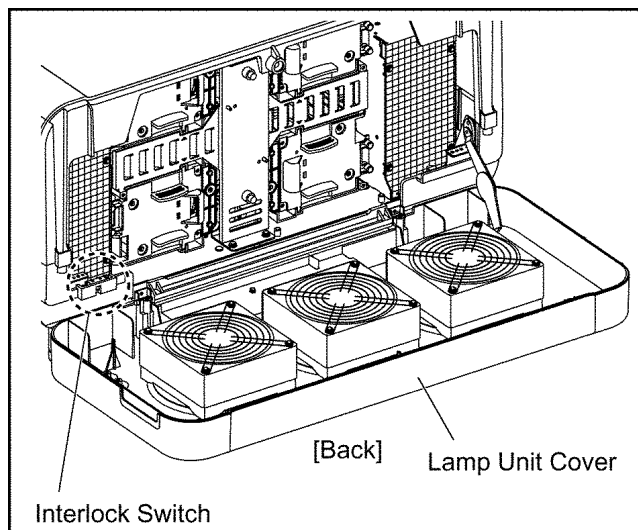
The reset the bimetal action, press the protrusion of the bimetal unit you feel a click.



3.2. Interlock Switch

To ensure safety, this projector is designed so that the power cannot be turned on when the lamp unit cover is opened or installed incorrectly.

If opening the lamp unit cover during operation, the projector will be switched to standby mode (fans stop and lamps turn off).

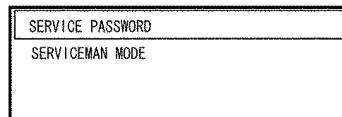
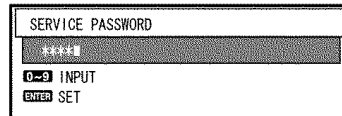
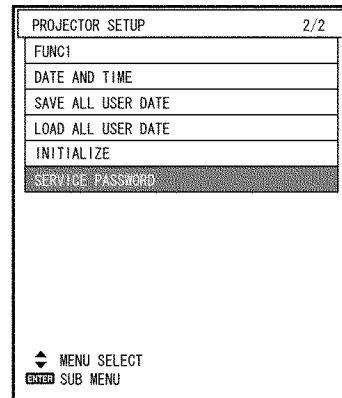
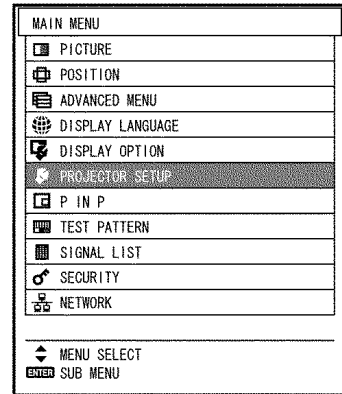


4 Serviceman Mode

This projector has Serviceman Mode in addition to standard on-screen menus (User Mode).

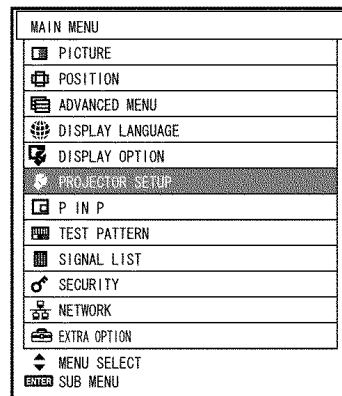
4.1. Setting to Serviceman Mode

- (1) Press the MENU button.
The MAIN MENU screen will be displayed.
- (2) Select "PROJECTOR SETUP" using the ▲ or ▼ buttons and press the ENTER button.
The PROJECTOR SETUP screen will be displayed.
- (3) Select "SERVICE PASSWORD" using the ▲ or ▼ buttons and press the ENTER button.
The SERVICE PASSWORD screen will be displayed.
- (4) Input the password "1565" with the numeric buttons (0 to 9) of the remote control unit and press the ENTER button.
Note:
 - Asterisk (*) will appear for the password numbers.
- (5) When "SERVICEMAN MODE" is displayed, the setting to the serviceman mode is completed.

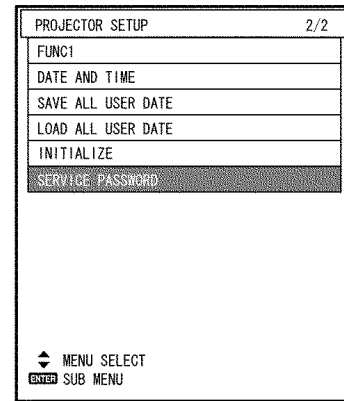


4.2. Resetting to User Mode

- (1) Press the MENU button.
The MAIN MENU screen will be displayed.
- (2) Select "PROJECTOR SETUP" using the ▲ or ▼ buttons and press the ENTER button.
The PROJECTOR SETUP screen will be displayed.



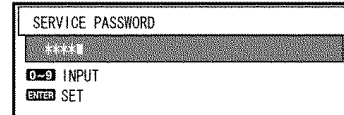
- (3) Select SERVICE PASSWORD using the ▲ or ▼ buttons and press the ENTER button.
The SERVICE PASSWORD screen will be displayed.



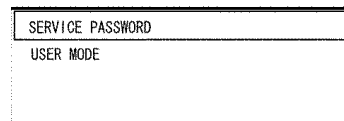
- (4) Input the password "0000" with the numeric buttons (0 to 9) of the remote control unit and press the ENTER button.

Note:

- Asterisk (*) will appear for the password numbers.



- (5) When "USER MODE" is displayed, the resetting to the user mode is completed.



4.3. Functions in Serviceman Mode

4.3.1. Additional Function for DYNAMIC IRIS in PICTURE menu

- AI WINDOW

Sets the APL detection area.

4.3.2. Additional Function for POSITION menu

- DVI EQUALIZER

If noise appears when DVI input, sets the value so that the noise decreases.

4.3.3. Additional Functions for ADVANCED MENU

- FRAME LOCK

When the picture is displayed by the input V-sync frequency, sets it to ON. However, there is a signal format that cannot be set to ON.

- V MASK

If the picture falls into disorder when RGB1 or RGB2 input, sets the value so that the disorder decreases.

- PLL SETTING

If the picture falls into disorder when RGB1 or RGB2 input, sets VCO and the charge pump so that the disorder decreases.
Sets VCO and the charge pump.

4.3.4. Additional Function for CLAMP POSITION in ADVANCED MENU

- WIDTH

If the picture falls into disorder even if the clamp position is adjusted when RGB1 or RGB2 input, adjusts the value.

4.3.5. Additional Function for AUX SDI IN in DISPLAY OPTION menu

- XYZ TO RGB SETTING

– FACTORY SETTING: The Yxy value of FACTORY is used for original data of the XYZ to RGB conversion coefficient.
Default

– MEASURE: The Yxy value of MEASURE is used for original data of the XYZ to RGB conversion coefficient.

– Rec709: The Yxy value of Rec709 is used for original data of the XYZ to RGB conversion coefficient.

– DCI P3: The Yxy value of DCI P3 is used for original data of the XYZ to RGB conversion coefficient.

- XYZ TEST PATTERN

The following patterns can be selected.

- WHITE: 10% - 100%
- DARK GRAY: 1 - 10
- COLOR: 1 - 2 of Red, Green, Blue, Cyan, Magenta and Yellow

4.3.6. Additional Functions for PROJECTOR SETUP

• MAX AVAILABLE LAMP

Sets the maximum number of lamps that can be used. Usually, set it to "4".

• STATUS

The number of pages of screens displayed when selecting becomes "6" in Serviceman Mode from "3" in User Mode. When ET-MD100SD4 module is installed, it becomes "7" in Serviceman Mode from "3" in User Mode.

Page 1 and page 3 are the same as User Mode, and the following items are displayed on page 2 in Serviceman Mode.

[page 2]

STATUS 2/6	
PROJECTOR MODEL	DZ12000
SERIAL NUMBER	*****
MAIN VERSION	1.00.00
MAIN PROGRAM1 VERSION	1.00.00
MAIN PROGRAM2 VERSION	1.00.00
SUB VERSION	***
NETWORK VERSION	***
HD-SDI FPGA VERSION	**
WARPING VERSION	***
BALLAST VERSION	***
ENTER SEND STATUS VIA E-MAIL ◀ CHANGE MENU EXIT	

*This display is an example and the display contents depend on various versions.

	Display Contents	Remarks
①	Software version of main program area 1	
②	Software version of main program area 2	
③	HD-SDI FPGA version	It is displayed only when ET-MD100SD4 module is installed.
④	WARP IC firmware version	It is not displayed in PT-DW100*.
⑤	Ballast MPU software version	If failing in the access to version, plural versions are displayed.

[page 4]

DDP (formatter software) version is displayed.

[page 5]

STATUS 5/6	
TEMP	** (IN) / ** (OUT) / ** (OPT)
P-UNIT	OK G-PRISM OK
C-PRISM	OK L-PRISM OK
R-DMD	OK GB-DMD OK
G-LIQUID	OK B-LIQUID OK
LAMP1	OK [****r pm] LAMP2 OK [****r pm]
LAMP3	OK [****r pm] LAMP4 OK [****r pm]
BALLAST1	OK BALLAST2 OK
BALLAST3	OK BALLAST4 OK
L-EXST	OK [****r pm] C-EXST OK [****r pm]
R-EXST	OK [****r pm]
◀ CHANGE MENU EXIT	

- * The temperature and the status of each fan are displayed.
- * This display is an example.

	Display Contents	Remarks
①	Temperature (Celsius)	Intake air temperature (IN), Lamp surroundings temperature (OUT) and Optical module temperature (OPT) are shown from the left. *1
②	Fan status	"OK" is displayed while it is rotating normally, and "ERROR" is displayed if it is abnormal. For the exhaust fan, the rotational speed is also displayed.

*1 If each thermosensor is not connected, it is displayed as "ERR".

Example: ERR(OPT)

[Page 6]

STATUS		6/6	
	TIME	ON	FAIL IGN-FAIL
LAMP1	****h	****h	****h ****h
LAMP2	****h	****h	****h ****h
LAMP3	****h	****h	****h ****h
LAMP4	****h	****h	****h ****h
SIGNAL	***.***kHz/***.***Hz	H(p)	V(n)
	L1 L2 L3 L4	— 2.5 3.5 5.0	
VOLT	** ** *	** ** *	** ** *
FAN	****	****	****
CODE	*****	*****	*****
◀▶ CHANGE MENU EXIT			

* This display is an example.

	Display Contents	Remarks
①	Lamp 1 diagnosis information	Cumulative usage time, Lamp on frequency, Going out frequency and Lighting failure frequency are shown from the left. *1
②	Lamp 2 diagnosis information	
③	Lamp 3 diagnosis information	
④	Lamp 4 diagnosis information	
⑤	Information on sync signal in input signal	H-sync frequency, V-sync frequency and synchronization polarity are shown from the left. *2
⑥	Lamp voltage and DC voltage	Lamp 1, Lamp 2, Lamp 3, Lamp 4, 2.5 V line, 3.3 V line and, 5 V line are shown from the left. *3
⑦	Fan error	After STATUS screen is displayed last time, the content where the error occurs newly is displayed in red. (The display change in STATUS is excepted.) *4
⑧	Error-code	After STATUS screen is displayed last time, the content where the error occurs newly is displayed in red. (The display change in STATUS is excepted.) *5

*1 Cumulative usage time is every 30 minutes, for less than 30 minutes, it is accumulated assuming that it lit for 30 minutes.

*2 It is displayed by "C" for composite synchronization, by "G" for sync-on-green and by "H" / "V" for H/V-sync.

Composite synchronization, H-sync polarity and V-sync polarity are displayed by either "n" (Negative) or "p" (Positive).

*3 Lamp voltage is displayed by either "0-255" (Lamp voltage, unit: V) or "OFF".

*4 P-UNIT, LAMP1, LAMP2, LAMP3, LAMP4, BALLAST1, BALLAST3, GB-DMD, C-EXST, L-EXST, R-EXST, R-DMD, G-LIQUID, B-LIQUID, C-PRISM, L-PRISM, BALLAST2, BALLAST4 and G-PRISM are shown from the left.

*5 Refer to the section 5.2."Comparison Table of Self-diagnosis Display and Code" and section 5.1. "Code Table" for details.

[Page 7] Page 7 is displayed only when ET-MD100SD4 module is installed. Signal information for HD-SDI is displayed.

STATUS	7/7
SDI PAYLOAD INFO.	
LINK	DUAL LINK
TRANSPORT	PROGRESSIVE
PICTURE	PROGRESSIVE
RATE	24
SAMPLING	444 (GBR)
DYNAMIC RANGE	100%
BIT DEPTH	10-bit
◀ CHANGE MENU EXIT	

* This display is an example when 2048/24p signal is input.

	Display Contents	Remarks
①	LINK	Either "DUAL LINK", "SINGLE LINK" or "NO SIGNAL" is displayed.
②	TRANSPORT	Either "PROGRESSIVE" or "INTERLACED" is displayed.
③	PICTURE	Either "PROGRESSIVE" or "INTERLACED" is displayed.
④	RATE	V-sync frequency is displayed.
⑤	SAMPLING	
⑥	DYNAMIC RANGE	
⑦	BIT DEPTH	The bit length is displayed.

4.3.7. Additional Function for RS-232C in PROJECTOR SETUP menu

- SIGNAL SELECTOR

ON: Sets it when an optional signal selector is connected.

OFF: Default setting

4.3.8. Additional Function for AIR FILTER CLEANING in PROJECTOR SETUP menu

- CREANING

ON: Default setting

OFF: Disables automatic cleaning operation.

4.3.9. Additional Function for INITIALIZE in PROJECTOR SETUP menu

- SHUTTER COUNTER

Initializes it when the shutter is replaced.

- CLEANING COUNTER

Initializes it when the air filter unit is replaced.

4.3.10. Addition of EXTRA OPTION

- LIGHT OUTPUT

Adjusts brightness with Dynamic Iris. It darkens as the value becomes small.

- CUT OFF

Sets whether to display each color of Red, Green and Blue.

- GAMMA SELECT

DEFAULT: Default setting

ALL: Selecting items of GAMMA SELECT in PICTURE menu increase.

- POWER ON SHUTTER

OPEN: Opens the shutter when power ON.

CLOSE: Closes the shutter when power ON.

- POWER OFF SHUTTER

OPEN: Opens the shutter when power OFF.

CLOSE: Closes the shutter when power OFF.

IGNORE: Does not control the shutter when power OFF.

- CINEMA FILTER

NONE: Default setting

INSTALLED: When installing the color filter that expands the color region

- AIR FILTER

NORMAL: Default setting

SPECIAL: Sets it when the smoke cut filter is installed.

- UNIFORMITY

Sets the value of color unevenness correction.

- FRONT LAMP LED

ON: Default setting

OFF: Prohibits a green lighting.

- LAMP CHANGE MUTE

ON: Turns off the projection temporarily when switching the lighting lamp.

OFF: Does not turn off the projection when switching the lighting lamp. However, a video noise might appear momentarily in the projection.

- LENS SHIFT CALIBRATION

Calibrates the limit and the home position of the lens shift.

Execute LENS SHIFT CALIBRATION according to the procedure of the next paragraph when replacing the lens mount, LH-Module or LV-Module.

- COOLING TIME

NORMAL: Sets all the cooling time to 240 seconds.

FAST: Default setting (Sets all the cooling time to 170 seconds.)

- MENU LOCK

ON: Sets the menu lock.

OFF: Default setting

- MENU LOCK PASSWORD

Sets the password for the menu lock release. The default (initial password) is "AAAA".

4.3.11. Execution of LENS SHIFT CALIBRATION

1. Enter the serviceman mode according to the section 4.1. "Setting to Serviceman Mode".
2. Select LENS SHIFT CALIBRATION in EXTRA OPTION.
3. Press the ENTER button. When you execute LENS SHIFT CALIBRATION, press the ENTER button again when displayed "SURE?".
4. The lens moves up/down/right/left, and the limit and the home position values of the shift are set again automatically.
5. When the lens stops, re-setting is finished.

5 Self-diagnosis Display

There is a self-diagnosis display located at the side of the projector which automatically displays their details when error, warning or others occur.

If a code is displayed in the self-diagnosis display, check the part of the cause according to the content of the code table below.

5.1. Code Table

Self-diagnosis display	Contents	Shutdown	Display condition	Remarks
U11	Temperature warning (IN)	✕	Intake air temperature is the specific value or higher.	
U12	Temperature warning (OPT)	✕	Optical module temperature is the specific value or higher.	
U13	Temperature warning (OUT)	✕	Lamp surroundings temperature is the specific value or higher.	
U14	Low temperature warning (OPT)	✕	Optical module temperature is less than the specific value.	

Self-diagnosis display	Contents	Shutdown	Display condition	Remarks
U15	Optical output restriction for the projector protection	✕	40 °C (35 °C when ALTITUDE MODE is ON) or higher in ambient temperature at QUAD mode	
U21	Temperature error (IN)	○	Intake air temperature is the specific value or higher.	After turning on the power, the shutdown processing is not done for 2.5 minutes.
U22	Temperature error (OPT)	○	Optical module temperature is the specific value or higher.	
U23	Temperature error (OUT)	○	Lamp surroundings temperature is the specific value or higher.	
U24	Low temperature error (OPT)	*1	Optical module temperature is less than 5°C.	
U41	Lamp 1 operating time warning	✕	Lamp cumulative usage time is 1 800 hour or longer.	LAMP monitor lights in red.
U42	Lamp 2 operating time warning	✕		
U43	Lamp 3 operating time warning	✕		
U44	Lamp 4 operating time warning	✕		
U61	Lamp 1: 2 000 hour operating time exceeded	*2	Lamp cumulative usage time is 2 000 hour or longer.	After turning on the lamp, it will turn off in 10 minutes. LAMP monitor lights in red.
U62	Lamp 2: 2 000 hour operating time exceeded	*2		
U63	Lamp 3: 2 000 hour operating time exceeded	*2		
U64	Lamp 4: 2 000 hour operating time exceeded	*2		
U51	Lamp 1 going out	*2	Lamp goes out after turning on.	LAMP monitor blinks 3 times in red.
U52	Lamp 2 going out	*2		
U53	Lamp 3 going out	*2		
U54	Lamp 4 going out	*2		
U51	Lamp 1 lighting failure	*2	Lamp ignition failure	LAMP monitor blinks 3 times in red.
U52	Lamp 2 lighting failure	*2		
U53	Lamp 3 lighting failure	*2		
U54	Lamp 4 lighting failure	*2		
U70	Air filter unit not installed	○	Air filter unit is not installed.	Confirms the installation when turning on the power.
U71	Lamp 1 not installed	○	Lamp is not installed (The lamp memory cannot be read.)	LAMP monitor blinks 3 times in red.
U72	Lamp 2 not installed	○		
U73	Lamp 3 not installed	○		
U74	Lamp 4 not installed	○		
U75	Special filter setting	✕	SPECIAL has been selected on AIR FILTER in EXTRA OPTION menu.	This display is not an error.
U81	AC power supply voltage drop warning (less than 99 V)	✕	AC power supply voltage drops.	
U91	Lamp unit cover is not closed	○	Lamp unit cover is not closed for 1 second or longer.	If the cover is not closed when turning on the power, it does not turn on.
H11	Thermosensor disconnected (IN)	✕	Intake air thermosensor is disconnected.	
H12	Thermosensor disconnected (OPT)	✕	Optical module thermosensor is disconnected.	
H13	Thermosensor disconnected (OUT)	✕	Lamp surroundings thermosensor is disconnected.	
H18	Airflow sensor disconnected	✕	Airflow sensor is disconnected.	
U04	Air filter is blocked	✕	The air filter accumulates dust.	
H01	Internal clock battery replacement	✕	The date is before December 31, 2005 or after January 1, 2036.	If this error occurs, the date is reset on 00:00:00, January 1, 2006.

Self-diagnosis display	Contents	Shutdown	Display condition	Remarks
FE1	Fan error 1: P-UNIT FAN	○	The fan stops for 5 seconds or longer.	Power unit fan
FE2	Fan error 2: LAMP FAN 1	○		Lamp fan 1
FE3	Fan error 3: LAMP FAN 2	○		Lamp fan 2
FE4	Fan error 4: LAMP FAN 3	○		Lamp fan 3
FE5	Fan error 5: LAMP FAN 4	○		Lamp fan 4
FE6	Fan error 6: BALLAST1 FAN	○		Ballast fan 1
FE7	Fan error 7: BALLAST3 FAN	○		Ballast fan 3
FE8	Fan error 8: GB-DMD FAN	○		GB-DMD fan
FE9	Fan error 9: EXHAUST FAN C	○		Exhaust fan (C)
FF0	Fan error 10: EXHAUST FAN L	○		Exhaust fan (L)
FF1	Fan error 11: EXHAUST FAN R	○		Exhaust fan (R)
FF2	Fan error 12: R-DMD FAN	○		R-DMD fan
FF3	Fan (Module) error 13: G-LIQUID COOLING	○		Liquid cooling pump (G)
FF4	Fan (Module) error 14: B-LIQUID COOLING	○		Liquid cooling pump (B)
FF5	Fan error 15: C-PRISM FAN	○		Color prism fan
FF6	Fan error 16: L-PRISM FAN	○		Lamp prism fan
FF7	Fan error 17: BALLAST2 FAN	○		Ballast fan 2
FF8	Fan error 18: BALLAST4 FAN	○		Ballast fan 4
FF9	Fan error 19: G-PRISM FAN	○		G-prism fan
F11	Shutter error	×	Shutter error	
F12	Dynamic iris error	×	Dynamic iris error	
F13	Air filter unit error	×	Air filter cleaning processing time-out	
F21	2.5 V DC error	○	2.5 V DC error	
F22	3.3 V DC error	○	3.3 V DC error	
F23	5.0 V DC error	○	5.0 V DC error	
F41	Lamp 1 memory error	*2	Lamp EEPROM is abnormal.	LAMP monitor blinks 3 times in red.
F42	Lamp 2 memory error	*2		
F43	Lamp 3 memory error	*2		
F44	Lamp 4 memory error	*2		
F61	Lamp 1 ballast communication error	*2	Fails in the communication with the ballast MPU.	
F62	Lamp 2 ballast communication error	*2		
F63	Lamp 3 ballast communication error	*2		
F64	Lamp 4 ballast communication error	*2		
F80	Resize IC setting error	○	No response from the resize IC	
F81	FM-R test fail	○	RDRAM test error	
F82	FM-G tset fail	○		
F83	FM-B test fail	○		
F91	FPGA1 configuration error	○	A-P.C.Board is abnormal.	
F92	FPGA2/3 configuration error	○	FH-Module is abnormal. WF-Module is abnormal.	
F93	Flash ROM error	○	The circuit around CPU on A-P.C.Board is abnormal.	
F94	RAM error	○		
F95	FPGA expansion error	○		
F96	Lens shift error	○	The circuit for lens position detection is abnormal.	
F97	WF-Module (GEOMETRY) communication error	×	No response from the geometry IC	Displays in PT-DZ12000*/DW100* only.

Explanatory notes of shutdown column

○ Shutdown occurs.

× Shutdown does not occur.

*1 Shutdown occurs only when starting. (Shutdown does not occur even if the temperature becomes less than 5°C during normal operating.)

*2 Shutdown occurs when all lamps cannot be lit.

5.2. Comparison Table of Self-diagnosis Display and Code

Self-diagnosis display	Code	Self-diagnosis display	Code
U11	00000000 00000000 00000000 00000001	FE4	00000000 00000000 00080000 00000000

Self-diagnosis display	Code	Self-diagnosis display	Code
U12	00000000 00000000 00000000 00000002	FE5	00000000 00000000 00100000 00000000
U13	00000000 00000000 00000000 00000004	FE6	00000000 00000000 00200000 00000000
U14	00000000 00000000 00000000 00000008	FE7	00000000 00000000 00400000 00000000
U15	00000000 00800000 00000000 00000000	FE8	00000000 00000000 00800000 00000000
U21	00000000 00000000 00000000 00000010	FE9	00000000 00000000 01000000 00000000
U22	00000000 00000000 00000000 00000020	FF0	00000000 00000000 02000000 00000000
U23	00000000 00000000 00000000 00000040	FF1	00000000 00000000 04000000 00000000
U24	00000000 00000000 00000000 00000080	FF2	00000000 00000000 08000000 00000000
U41	00000000 00000000 00000000 00000100	FF3	00000000 00000000 10000000 00000000
U42	00000000 00000000 00000000 00000200	FF4	00000000 00000000 20000000 00000000
U43	00000000 00000000 00000000 00000400	FF5	00000000 00000000 40000000 00000000
U44	00000000 00000000 00000000 00000800	FF6	00000000 00000000 80000000 00000000
U61	00000000 00000000 00000000 00000100	FF7	00000000 00000001 00000000 00000000
U62	00000000 00000000 00000000 00000200	FF8	00000000 00000002 00000000 00000000
U63	00000000 00000000 00000000 00000400	FF9	00000000 00000000 00008000 00000000
U64	00000000 00000000 00000000 00000800	F11	00000000 00000004 00000000 00000000
U51	00000000 00000000 00000000 00001000	F12	00000000 00000008 00000000 00000000
U52	00000000 00000000 00000000 00002000	F13	00000000 00000010 00000000 00000000
U53	00000000 00000000 00000000 00004000	F21	00000000 00000020 00000000 00000000
U54	00000000 00000000 00000000 00008000	F22	00000000 00000040 00000000 00000000
U51	00000000 00000000 00000000 00010000	F23	00000000 00000080 00000000 00000000
U52	00000000 00000000 00000000 00020000	F41	00000000 00000100 00000000 00000000
U53	00000000 00000000 00000000 00040000	F42	00000000 00000200 00000000 00000000
U54	00000000 00000000 00000000 00080000	F43	00000000 00000400 00000000 00000000
U71	00000000 00000000 00000000 01000000	F44	00000000 00000800 00000000 00000000
U72	00000000 00000000 00000000 02000000	F61	00000000 00800000 00000000 00000000
U73	00000000 00000000 00000000 04000000	F62	00000000 01000000 00000000 00000000
U74	00000000 00000000 00000000 08000000	F63	00000000 02000000 00000000 00000000
U75	00000000 00000000 00000000 40000000	F64	00000000 04000000 00000000 00000000
U81	00000000 00000000 00000000 10000000	F80	00000001 00000000 00000000 00000000
U91	00000000 00000000 00000000 20000000	F81	00100000 00000000 00000000 00000000
H11	00000000 00000000 00000001 00000000	F82	00200000 00000000 00000000 00000000
H12	00000000 00000000 00000002 00000000	F83	00400000 00000000 00000000 00000000
H13	00000000 00000000 00000004 00000000	F91	00000000 00010000 00000000 00000000
H18	00000000 00000000 00000008 00000000	F92	00000000 00020000 00000000 00000000
U04	00000000 00000000 00000010 00000000	F92	00000000 00040000 00000000 00000000
H01	00000000 00000000 00000020 00000000	F93	00000000 00080000 00000000 00000000
U70	00000000 00000000 00000080 00000000	F94	00000000 00100000 00000000 00000000
FE1	00000000 00000000 00010000 00000000	F95	00000000 00200000 00000000 00000000
FE2	00000000 00000000 00020000 00000000	F96	00000000 00400000 00000000 00000000
FE3	00000000 00000000 00040000 00000000	F97	04000000 00000000 00000000 00000000

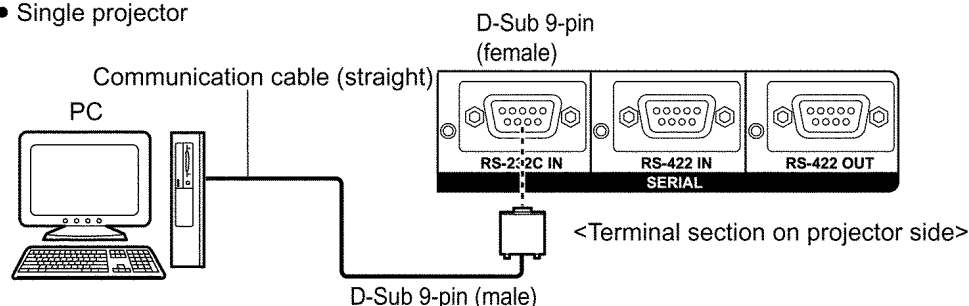
6 Using the Serial Terminals

The main unit is equipped with SERIAL terminals located in its terminal section on the side, and this terminal is compliant with RS-232C/RS-422. Also a serial output terminal is provided to enable plural projector control.

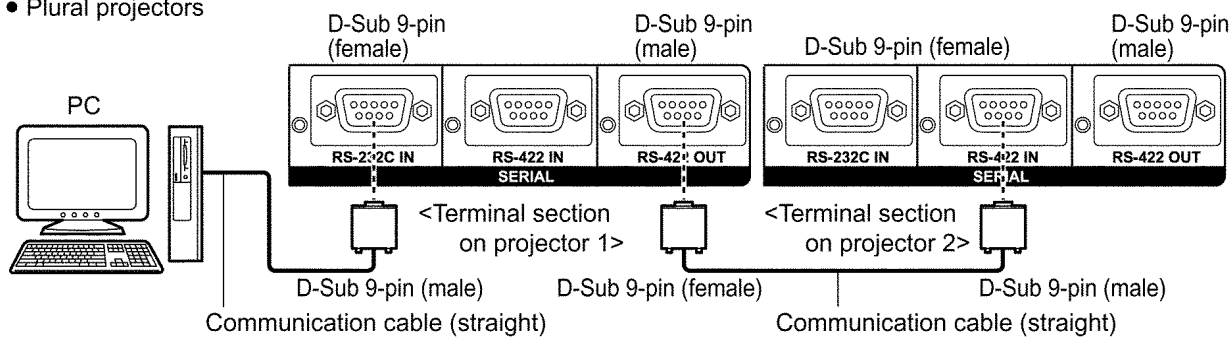
6.1. Example of Connection

RS-232C

- Single projector

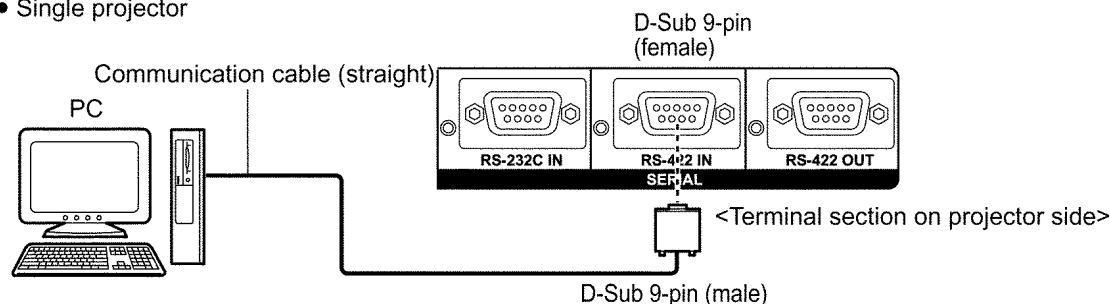


- Plural projectors

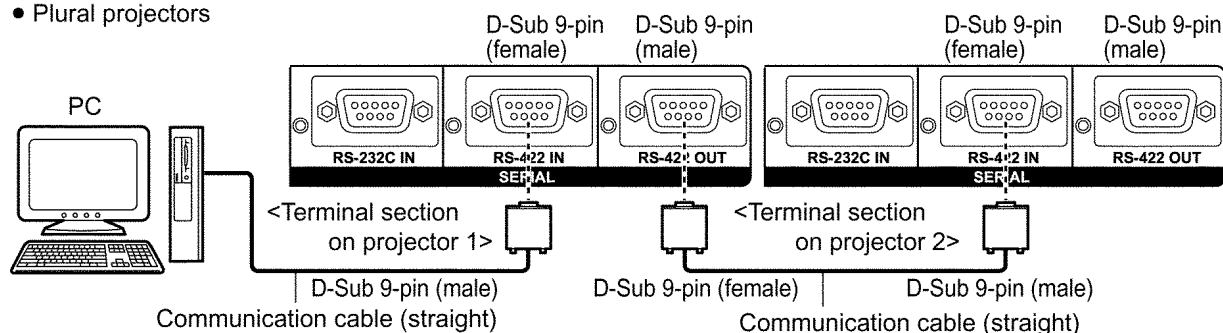


RS-422

- Single projector



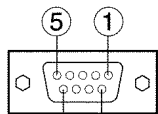
- Plural projectors



6.2. Pin Assignments and Signal Names

RS-232C

D-Sub 9-pin (female),
external appearance



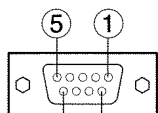
Serial input terminal

[RS-232C-IN]

Pin No.	Signal name	Description
①		NC
②	TXD	Send data
③	RXD	Receive data
④		Connected internally
⑤	GND	Ground
⑥		NC
⑦	CTS	Connected internally
⑧	RTS	
⑨		NC

RS-422

D-Sub 9-pin (female),
external appearance

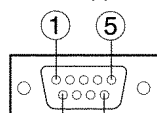


Serial input terminal

[RS-422-IN]

Pin No.	Signal name	Description
①	NC	No connection
②	TXD (-)	Send data
③	RXD (+)	Receive data
④		Connected internally
⑤	NC	No connection
⑥		Connected internally
⑦	TXD (+)	Send data
⑧	RXD (-)	Receive data
⑨	FG	GND

D-Sub 9-pin (male),
external appearance



Serial output terminal

[RS-422-OUT]

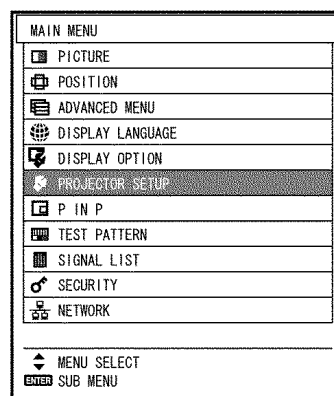
Pin No.	Signal name	Description
①	NC	No connection
②	RXD (-)	Receive data
③	TXD (+)	Send data
④		Connected internally
⑤	NC	No connection
⑥		Connected internally
⑦	RXD (+)	Receive data
⑧	TXD (-)	Send data
⑨	FG	GND

6.3. Communication Conditions (Factory Setting)

Signal level	RS-232C/RS-422-compliant
Synchronization method	Start-stop synchronization
Baud rate	9 600bps
Parity	None
Character length	8 bits
Stop bit	1 bit
X parameter	None
S parameter	None

6.4. Procedure of Communication Condition Settings

- Press the MENU button.
The MAIN MENU screen will be displayed.
- Select PROJECTOR SETUP using the ▲ or ▼ buttons.



- (3) Press the ENTER button.
The PROJECTOR SETUP screen will be displayed.

(4) Select RS-232C using the ▲ or ▼ buttons.
- (5) Press the ENTER button.
The RS-232C screen will be displayed.

(6) Select SERIAL IN using the ▲ or ▼ buttons.

(7) Press ◀ ▶ buttons to switch SERIAL IN.
RS-232C and RS-422 will switch each time the button is pressed.

(8) Select communication conditions using the ▲ or ▼ buttons.

(9) Press ◀ ▶ buttons to confirm the setting.

(10) Press the MENU button 3 times.
The on-screen indications disappear, and the system returns to the normal screen.

PROJECTOR SETUP		1/2
PROJECTOR ID	ALL	
INSTALLATION	FRONT-FLOOR	
ALTITUDE MODE	OFF	
DIRECTION	HORIZONTAL	
LAMP SELECT	QUAD	
MAX AVAILABLE LAMPS	4	
LAMP RELAY	OFF	
RS232C		
REMOTE2 MODE	DEFAULT	
STATUS		
AIR FILTER CLEANING		
AUTO POWER OFF	DISABLE	
⬆ MENU SELECT		
⬅ CHANGE		

RS232C	
SERIAL IN	RS-232C
(IN) BAUDRATE	9600
(IN) PARITY	NONE
(OUT) BAUDRATE	9600
(OUT) PARITY	NONE
RESPONSE (ID ALL)	ON
GROUP	A
RESPONSE (ID GROUP)	ON
⬆ CHANGE	
ENTER EXECUTE	

6.5. Control commands

PrintDB
Refer to "Control Commands".

6.6. Cable specifications

<Connecting to a PC>
For RS-232C

Projector		Computer (DTE specifications)	
1	NC	NC	1
2			2
3			3
4	NC	NC	4
5			5
6		NC	6
7	NC		7
8			8
9		NC	9

When multiple projectors are connected

1st (RS-422 OUT)		2nd (RS-422 IN)	
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	
9		9	

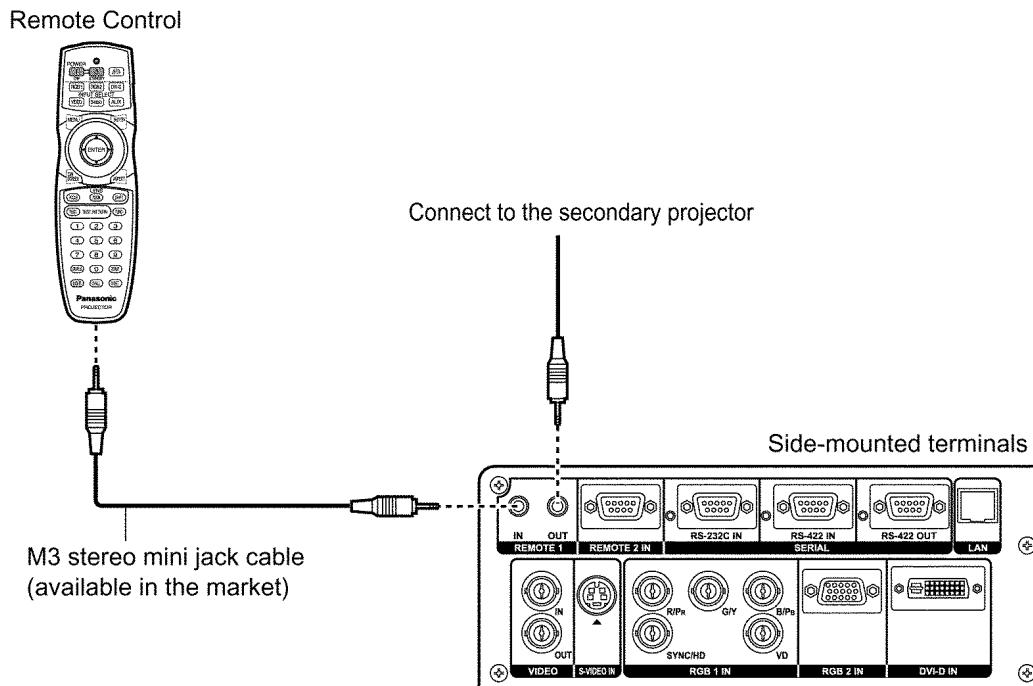
Note

To connect the computer to the SERIAL terminal, prepare an adequate communication cable that fits to your personal computer.

7 Using a Wired Remote Control

7.1. Connection Example

When multiple main units are connected as part of the system, connect to units with a M3 stereo mini jack cable (sold separately) to simultaneously control multiple main units with a single remote control through the REMOTE1 IN/OUT terminal. It is effective to use the wired remote control in the environment in which an obstacle stands in the light path or where devices are susceptible to outside light.



- Use a two-wire shielded cable with a length of 15 m or less. If the length of the cable exceeds 15 m, the shielding of the cable may not be sufficient and the remote control may not work.

7.2. Setting Projector ID Number to Remote Control

Every projector has its ID number and the ID number of the controlling projector must be set to the remote control in advance so that the user can operate the remote control. The ID number of the projector is set to "ALL" on shipping, and use the ID ALL button of the remote control when using only a single projector.

Procedure of ID setting

Press ID SET, and then within 5 seconds, press the two numeric (0-9) buttons which correspond to the ID number that has been set for the projector.

- The main unit has its ID number (1-64), and set to remote control when the ID number is 1-9 as 01-09. When the ID number is "ALL", set it with the ID ALL button of the remote control unit.
- Do not press the ID SET button accidentally or carelessly because the ID number on the Remote Control can be set even when no projector is around.
- If you do not enter the two-digit ID number within 5 seconds after the ID SET button has been pressed, the ID number will remain at the number that was set before the ID SET button was pressed.
- Your specified ID number is stored in the remote control unit unless another one is specified later. However, the stored ID will be erased if the batteries of the remote control are left exhausted. When the batteries are replaced, set the same ID number again.

8 Support for Service

8.1. Supporting Methods

We will support according to the following methods.

Supporting methods	Applied parts
Replaced by module or block	K-Module
	PC-Module
	PFC-Module
	NN-Module
	FH-Module
	B/Q-Module (For specified components, supplies them discretely.)
	CL-P.C.Board
	J-P.C.Board
	J2-P.C.Board
	J3-P.C.Board
	R-P.C.Board
	R2-P.C.Board
	R3-P.C.Board
	L1-P.C.Board
	L2-P.C.Board
	L3-P.C.Board
	L4-P.C.Board
	H-P.C.Board
	SL-P.C.Board
	LH-P.C.Board
	LV-P.C.Board
Replaced at the manufacturing department	Optical block (Analysis block, Synthesis block)
	Analysis mirror
Replaced by discrete components	Lens mount
	Liquid cooling unit
	DMD™ block
	Other components

8.2. Note for Replacement of A-P.C.Board

Transfer the data of the original A-P.C.Board to the new A-P.C.Board using the adjustment software and a personal computer. (If you cannot transfer the data, remove IC2611, IC2618 and IC2619 from the original board and mount them on the new board.)

* Consult your dealer or Authorized Service Center for the adjustment software.

8.3. Replacement of the lithium battery on the A-P.C.Board

If the lithium battery will be empty, replace it with a new one (CR2032 or equivalent).

Cautions





- Explosion may occur if replacing the battery with an incorrect one.
- Dispose of used batteries according to the instructions.

9 Cautions for Service

9.1. Servicing Methods

- When attempting the check or adjustment with the upper case removed and the power supply turned on, strong light may leak from the analysis block and the surrounding, must wear the ultraviolet rays protection glasses without fail and consider the measure of shading.
- Never unplug the power cord from the outlet, open the circuit breaker, or perform other procedures to cut off the power line during the operation of any cooling fan.
- Be sure to unplug the power cord from the power outlet before servicing.

Powering off the projector

1. Press the POWER STANDBY "  " button.
A confirmation screen will appear.
2. Select "OK" with  or  button and press the ENTER button. (or press the POWER STANDBY "  " button again.)
The projection of the image stops, and power indicator lamp of the main unit lights up orange. (The cooling fan keeps

running.)

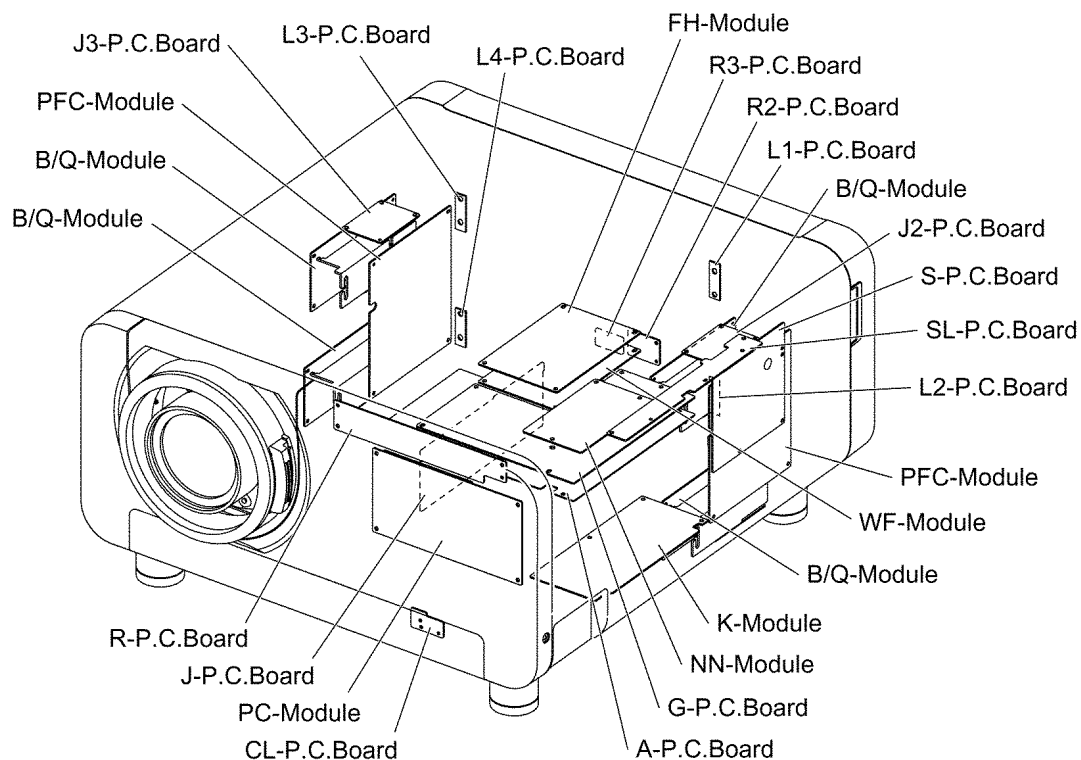
3. Wait until the power indicator lamp of the main unit turns to red (i.e., until the cooling fan stops).

While the cooling fan is still running, never turn off the MAIN POWER switch, nor unplug the projector from the outlet.

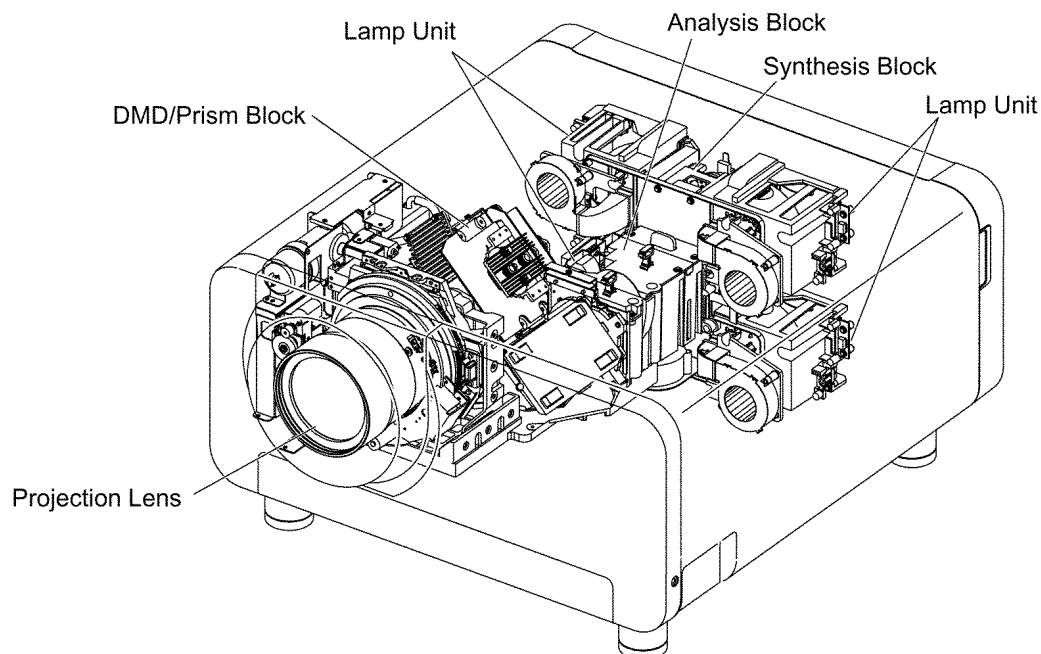
4. Press the " ○ " marked side of the MAIN POWER switch to remove all power from the projector.

10 Parts Location

10.1. Electrical Parts Location



10.2. Electromechanical Parts Location



11 Replacement of Lamp Unit

Cautions

- Wait until the lamp is cooled sufficiently before replacing the lamp unit.
- Make sure that all four lamp units are installed.
- Replace of the lamp unit should be carried out by a qualified technician.

11.1. Precautions on Lamp Unit Replacement

Remove the power plug and confirm that the surroundings of the lamp unit have cooled off.

- Be careful when handling a light source lamp. The lamp unit has high internal pressure. If improperly handled, explosion might result.
- A used lamp unit may burst if it is handled violently.

For disposition of used lamps, request an industrial waste disposal contractor.

- If you continue to use a lamp after the replacement time, the lamp may break.
- Philips screwdriver is necessary when replacing a lamp unit.

Take care not to slip your hand when using a screwdriver.

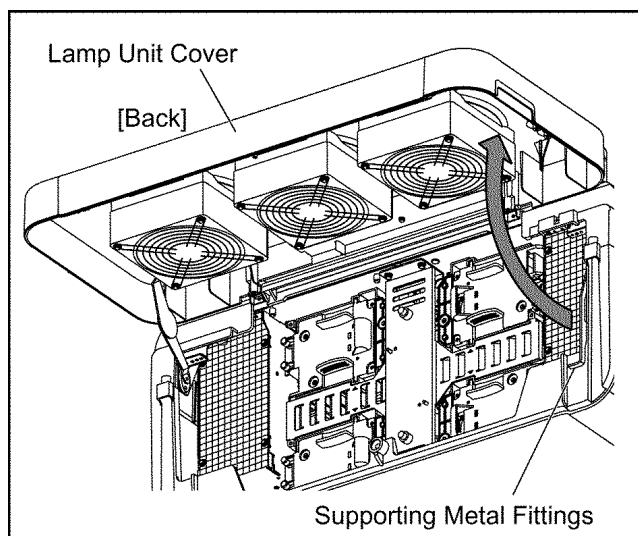
Attention

- A lamp unit is an optional part. Contact the dealer.

Replacement lamp unit model No.: ET-LAD12K (single bulb), ET-LAD12KF (4 bulbs)

Rating: 300 W

- Other lamps than specified above cannot be used. Be sure to use the specified lamp.
- Must use the supporting metal fittings after opening the lamp unit cover for safety when replacing the lamp unit in case of the ceiling installation.



11.2. Timing of Lamp Unit Replacement

The lamp used for the light source has its due life. The life of light source lamp used in the main unit is 2 000 hours. However, it may happen that the lamp becomes dead (will not light) by the time of 2 000 hours depending on the characteristics of individual lamps and working conditions (lamps may reduce their life affected by the times of lighting and the intervals between previous lighting and next lighting). Therefore, it is strongly recommended for the user to keep a spare bulb. If a lamp unit has not been replaced after 2 000 hours of operation have elapsed, the lamp will turn off automatically. When the operating time for all of the lamps reaches 2 000 hours or more, the power will turn off automatically approximately 10 minutes after it is turned on, and the projector will switch to standby mode.

• Indication after 1 800 hours

When lamp unit used hours have reached 1 800 hours, lamp monitor (LAMP 1, LAMP 2, LAMP 3 or LAMP 4) light up including standby state.

Further, an on-screen indication will appear for about 30 seconds as shown in the diagram on the right, recommending replacement of lamp unit. (The indication on the right diagram will disappear after about 30 seconds or when either control button on the main unit or remote control button is operated.)

After the time of 2 000 hours, the on-screen indication will not disappear unless the menu (MENU) button is operated.

REPLACE THE LAMP

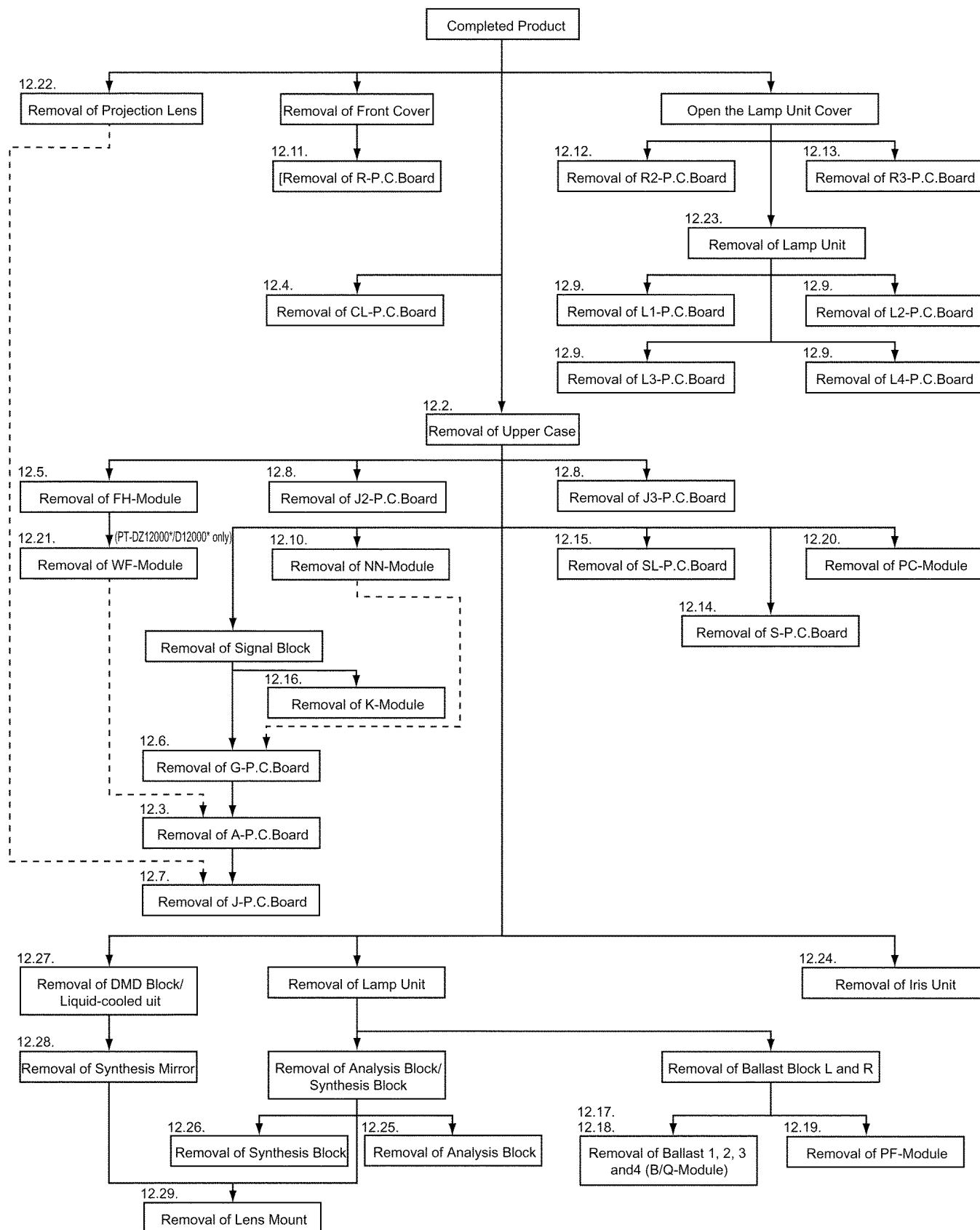
11.3. Indication of Lamp Monitor

Name of monitor lamp	Lamp indication	Information	Check point	Remedial measure
LAMP monitor	Lighting in red	Indicates the time for replacing the lamp unit.	<ul style="list-style-type: none"> Did you notice a "REPLACE THE LAMP" message on the screen when turning on the projector power supply? 	<ul style="list-style-type: none"> This lamp monitor lights up when the lamp unit used hours have reached 1 800 hours. Request the dealer to replace the lamp unit.
	Blinking in red (3 times)	Error is detected in the lamp circuit.	<ul style="list-style-type: none"> Did you turn the power back on immediately after turning it off? Some error has arisen in the lamp circuit. Check for fluctuation (or drop) in the source voltage. 	<ul style="list-style-type: none"> Wait until the lamp has cooled off, and then turn on the power. Turn off the MAIN POWER switch using the procedure on "Powering off the projector" in the section 9.1. "Servicing Methods" and consult your dealer or Authorized Service Center.

12 Disassembly Instructions

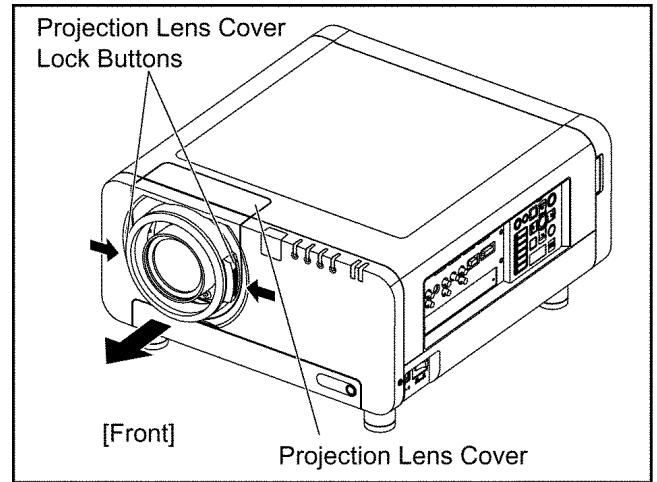
12.1. Flowchart for Disassembly

To assemble, reverse the disassembly procedures.

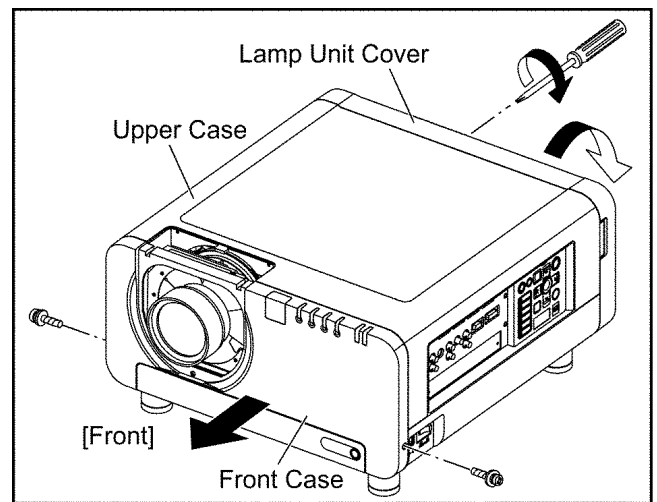


12.2. Removal of Upper Case

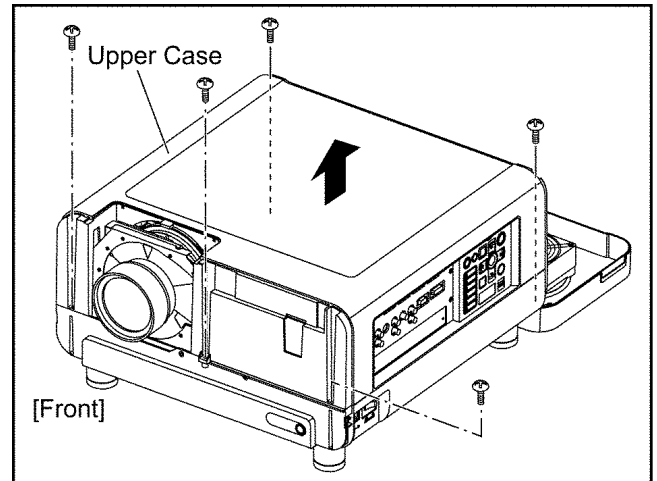
- (1) While pressing the projection lens cover lock buttons, pull the cover forward to remove it.



- (2) Unscrew the 2 screws and remove the front case.
- (3) Loosen the 1 screw until it idles and open the lamp unit cover.



- (4) Unscrew the 5 screws and remove the upper case.

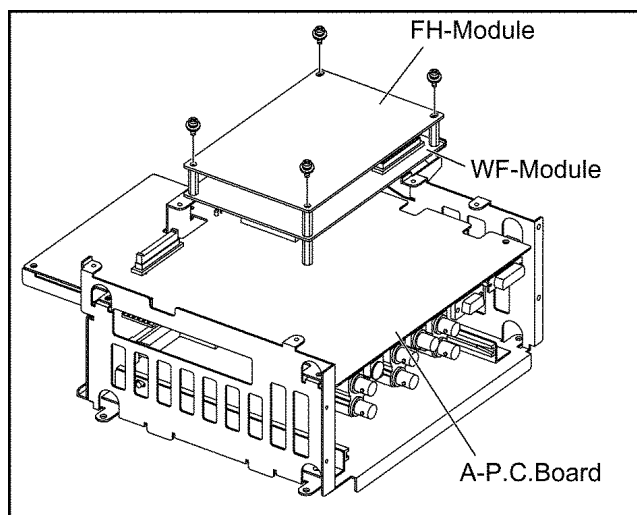


12.3. Removal of A-P.C.Board

- (1) Remove the G-P.C.Board according to the section 12.6. "Removal of G-P.C.Board".
- (2) Unscrew the 4 screws and remove the FH-Module.

Note:

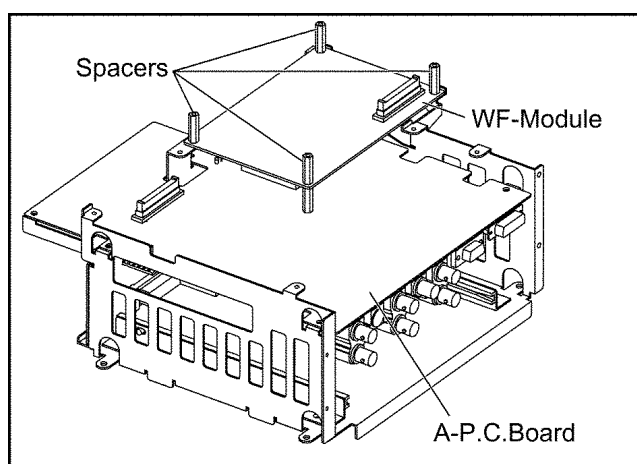
- The FH-Module is connected onto the WF-Module (for PT-DW100*, A-P.C.Board) with the connector. Work carefully when removing it.



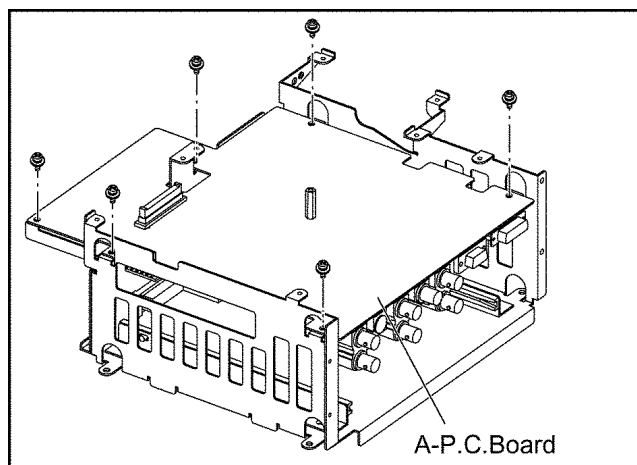
- (3) Unscrew the 4 spacers counterclockwise and remove the WF-Module.

Note:

- The WF-Module is connected onto the A-P.C.Board with the connector. Work carefully when removing it.
- For PT-DW100*, skip work in this step because the WF-Module is not installed.

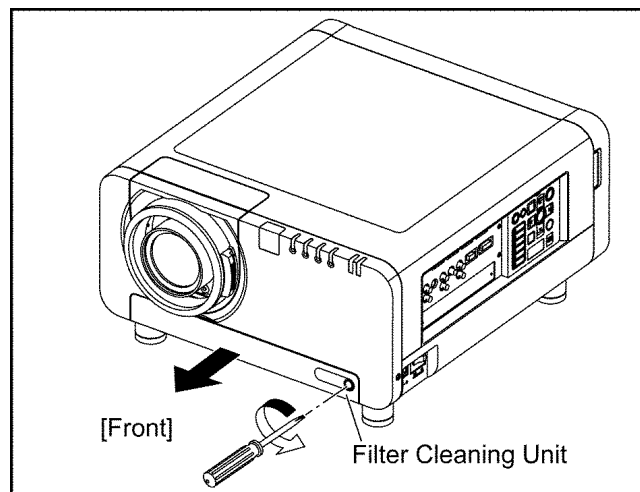


- (4) Unscrew the 6 screws and remove the A-P.C.Board.

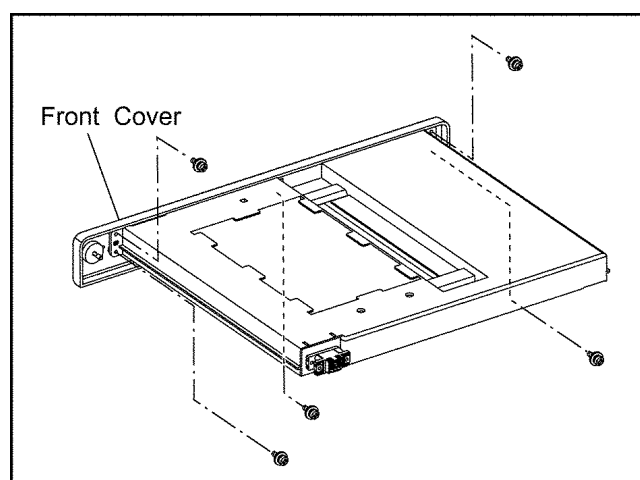


12.4. Removal of CL-P.C.Board

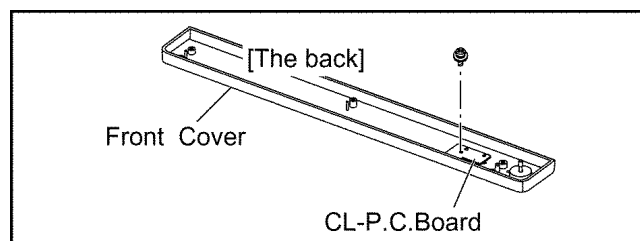
- (1) Loosen the 1 screw until it idles and take the filter cleaning unit out.



- (2) Unscrew the 5 screws and remove the front cover.



- (3) Unscrew the 1 screw and remove the CL-P.C.Board.

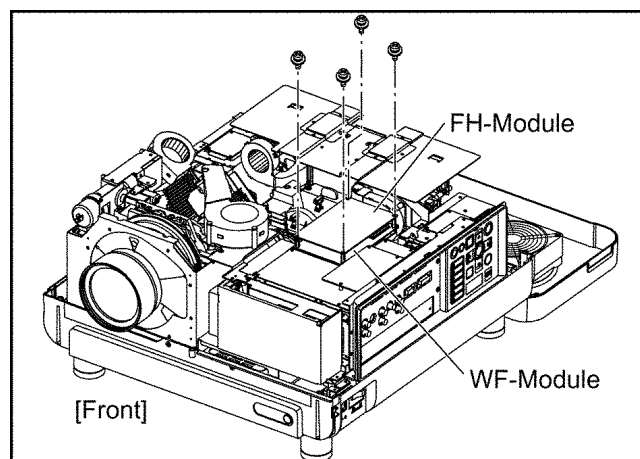


12.5. Removal of FH-Module

- (1) Remove the upper case according to the section 12.2. "Removal of Upper Case".
- (2) Unscrew the 4 screws and remove the FH-Module.

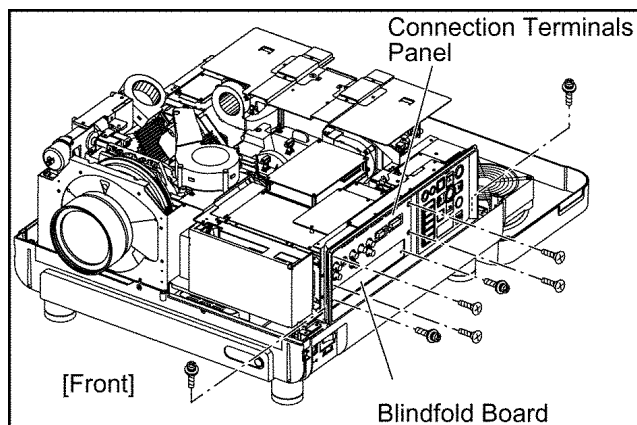
Note:

- The FH-Module is connected onto the WF-Module (for PT-DW100*, A-P.C.Board) with the connector. Work carefully when removing it.

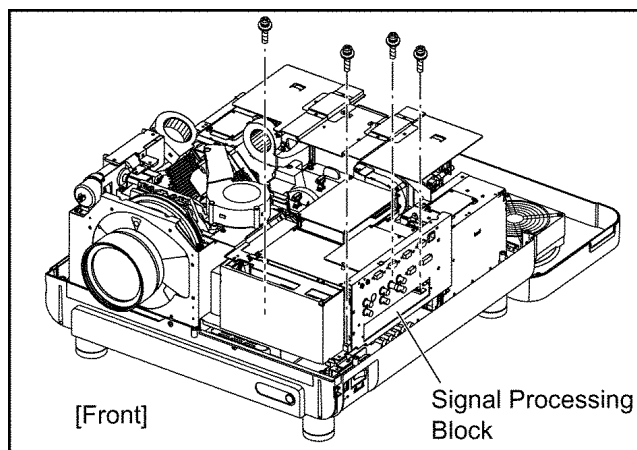


12.6. Removal of G-P.C.Board

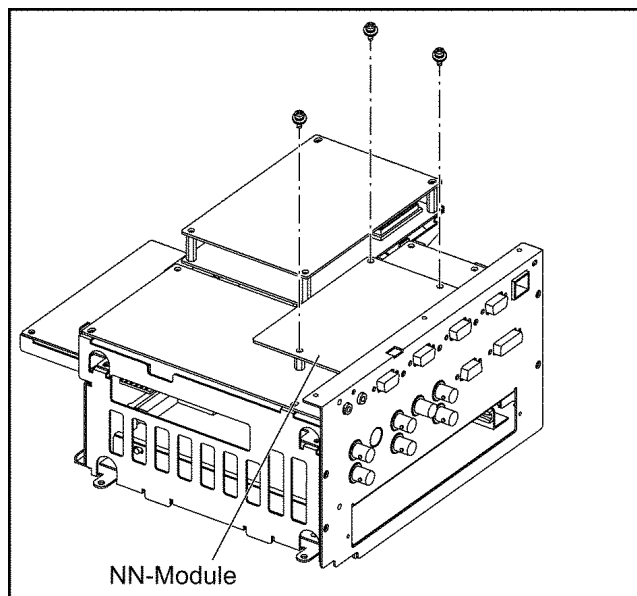
- (1) Remove the upper case according to the section 12.2. "Removal of Upper Case".
- (2) Unscrew the 2 screws and remove the blindfold board.
- (3) Unscrew the 6 screws and remove the connection terminals panel with S-P.C.Board and SL-P.C.Board.



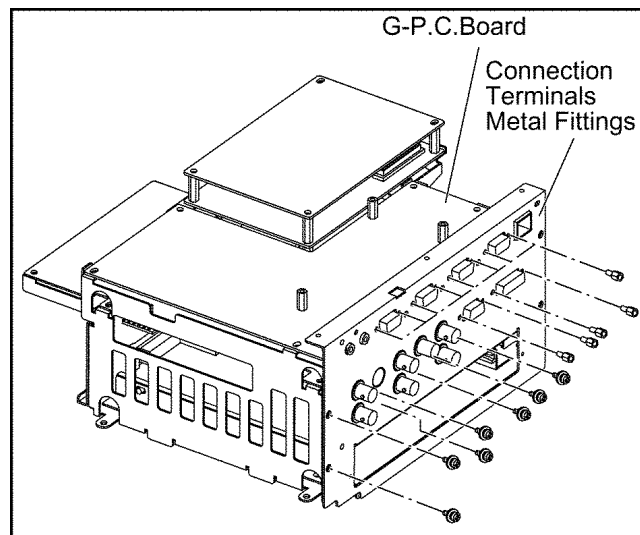
- (4) Unscrew the 4 screws and remove the signal processing block.



- (5) Unscrew the 3 screws and remove the NN-Module.



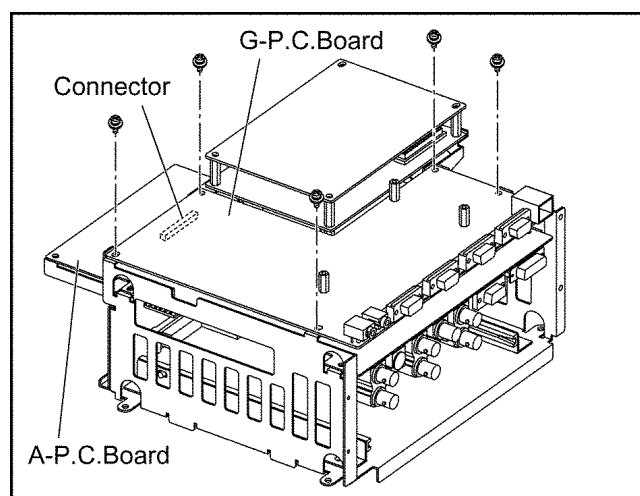
- (6) Unscrew the 19 screws and remove the connection terminals metal fittings.



- (7) Unscrew the 5 screws and remove the G-P.C.Board.

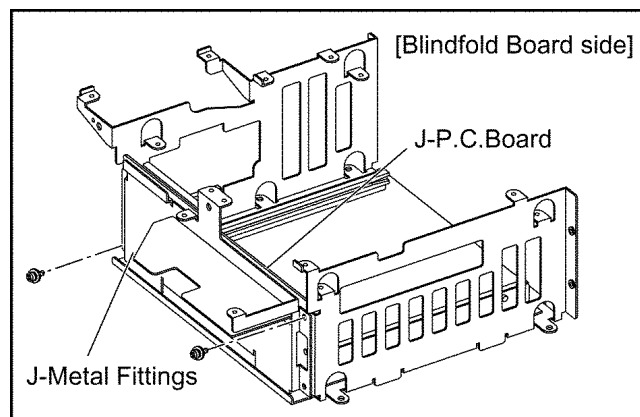
Note:

- The G-P.C.Board is connected onto the A-P.C.Board with the connector. Work carefully when removing it.

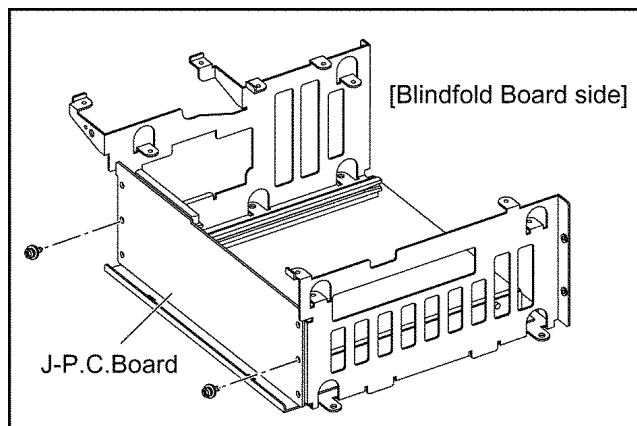


12.7. Removal of J-P.C.Board

- (1) Remove the A-P.C.Board according to the section 12.3. "Removal of A-P.C.Board".
- (2) Unscrew the 2 screws and remove the J-metal fittings.



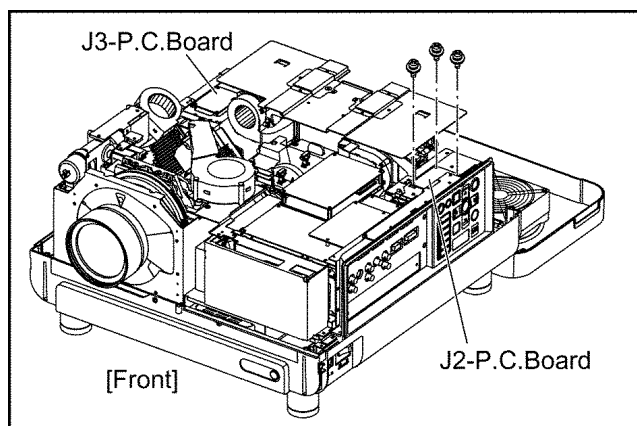
- (3) Unscrew the 2 screws and remove the J-P.C.Board.



12.8. Removal of J2-/J3-P.C.Board

• The procedure is described as an example of J2-P.C.Board.

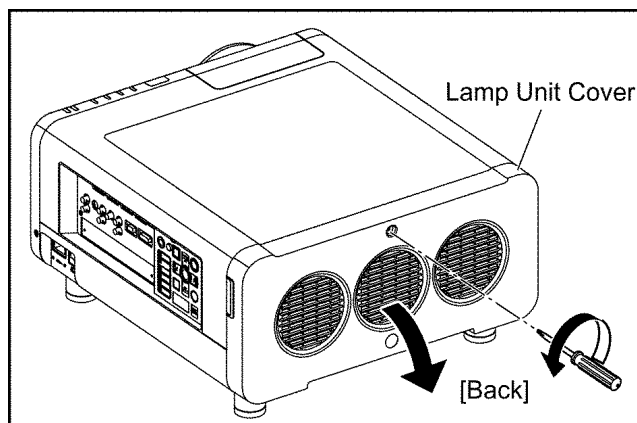
- (1) Remove the upper case according to the section 12.2. "Removal of Upper Case".
- (2) Unscrew the 3 screws and remove the J2-P.C.Board.



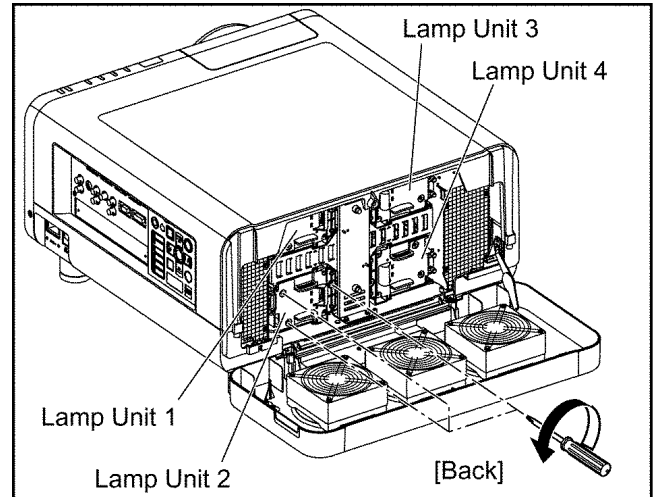
12.9. Removal of L1-/L2-/L3-/L4-P.C.Board

• The procedure is described as an example of L2-P.C.Board.

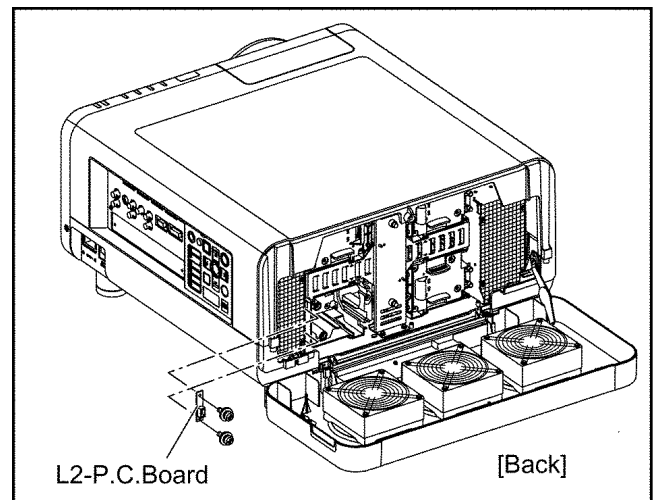
- (1) Loosen the 1 screw until it idles and open the lamp unit cover.



- (2) Loosen the 3 screws until they idle and remove the lamp unit 2.

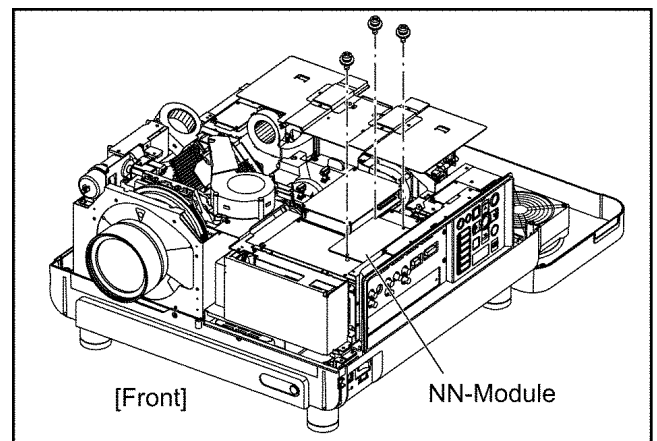


- (3) Unscrew the 2 screws and remove the L2-P.C.Board.



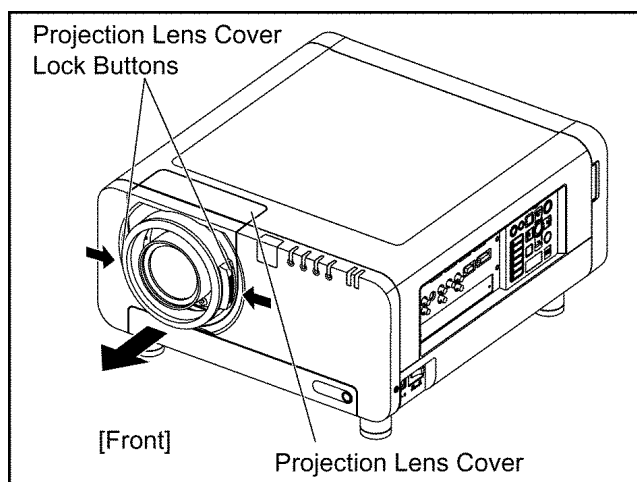
12.10. Removal of NN-Module

- (1) Remove the upper case according to the section 12.2. "Removal of Upper Case".
 (2) Unscrew the 3 screws and remove the NN-Module.

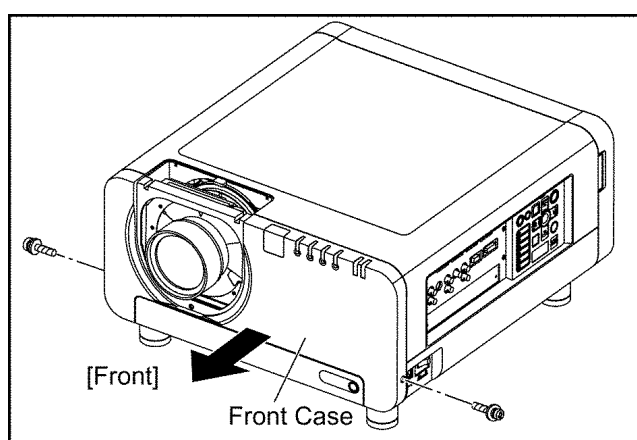


12.11. Removal of R-P.C.Board

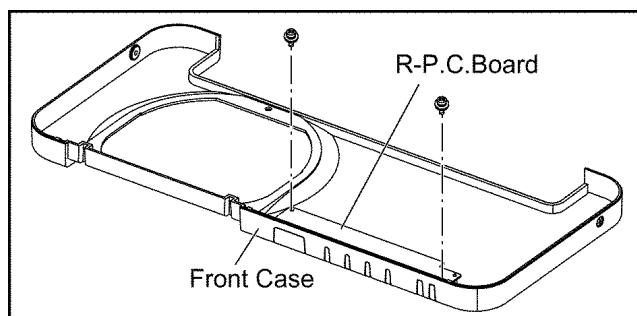
- (1) While pressing the projection lens cover lock buttons, pull the cover forward to remove it.



- (2) Unscrew the 2 screws and remove the front case.

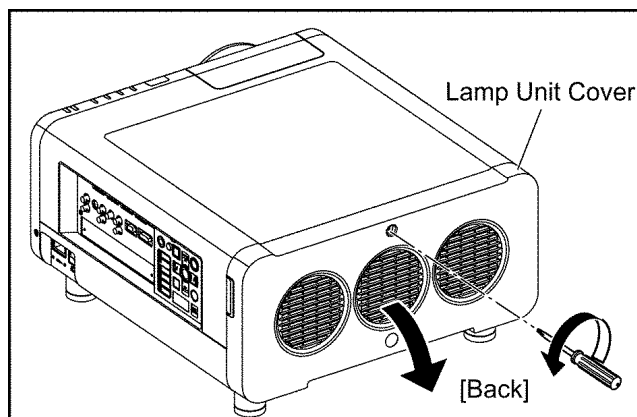


- (3) Unscrew the 2 screws and remove the R-P.C.Board.

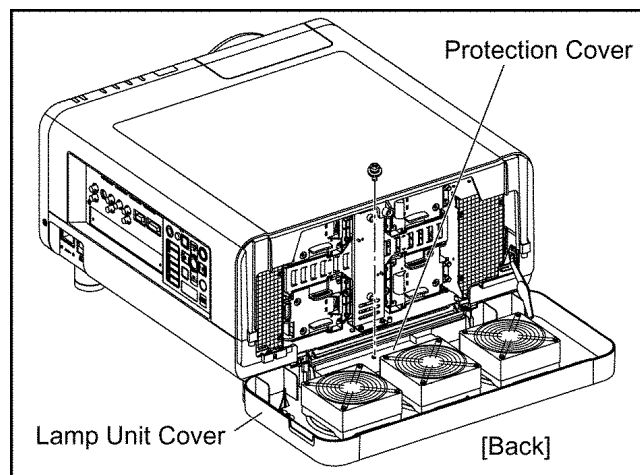


12.12. Removal of R2-P.C.Board

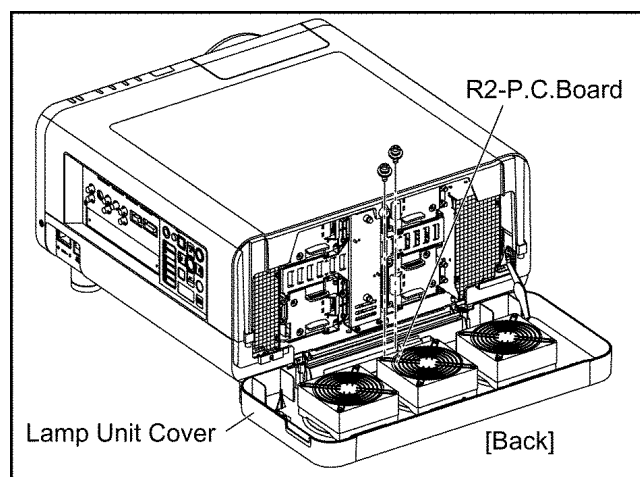
- (1) Loosen the 1 screw until it idles and open the lamp unit cover.



- (2) Unscrew the 1 screw and remove the protection cover.

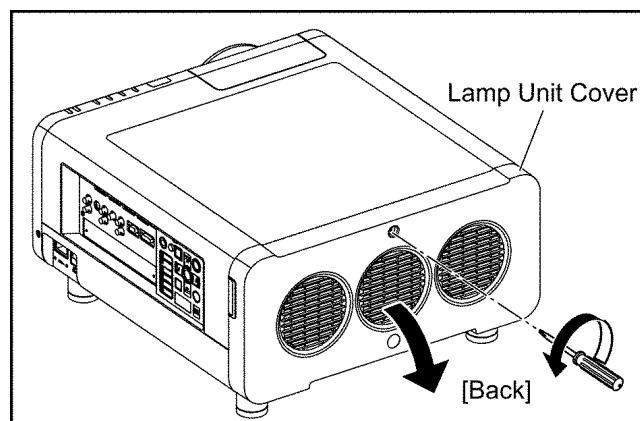


- (3) Unscrew the 2 screws and remove the R2-P.C.Board.

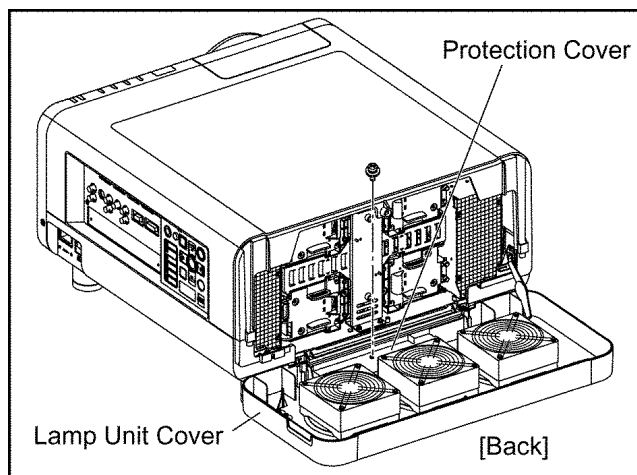


12.13. Removal of R3-P.C.Board

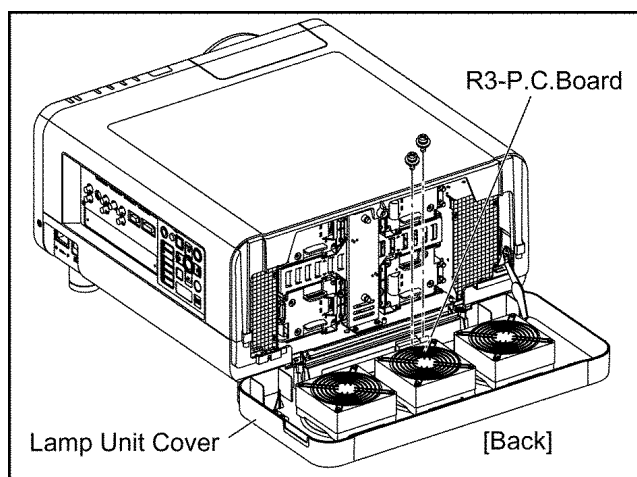
- (1) Loosen the 1 screw until it idles and open the lamp unit cover.



- (2) Unscrew the 1 screw and remove the protection cover.

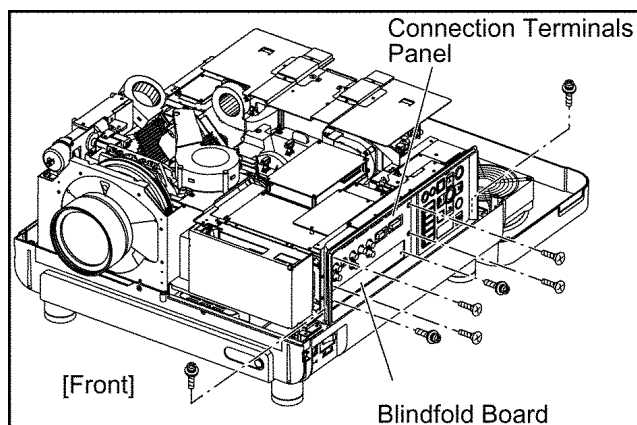


- (3) Unscrew the 2 screws and remove the R3-P.C.Board.

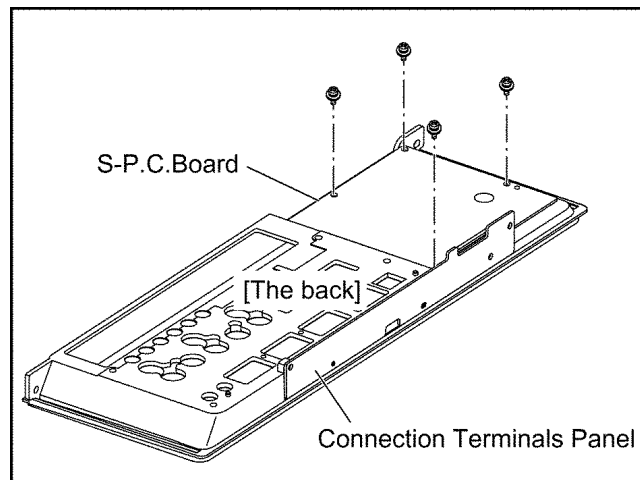


12.14. Removal of S-P.C.Board

- (1) Remove the upper case according to the section 12.2. "Removal of Upper Case".
- (2) Unscrew the 2 screws and remove the blindfold board.
- (3) Unscrew the 6 screws and remove the connection terminals panel with S-P.C.Board and SL-P.C.Board.

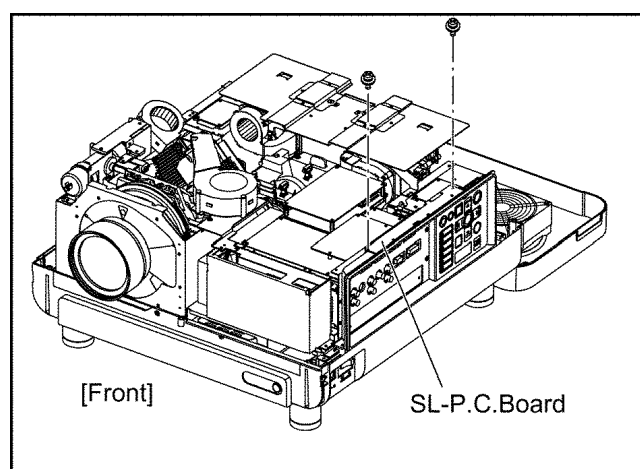


- (4) Unscrew the 4 screws and remove the S-P.C.Board.



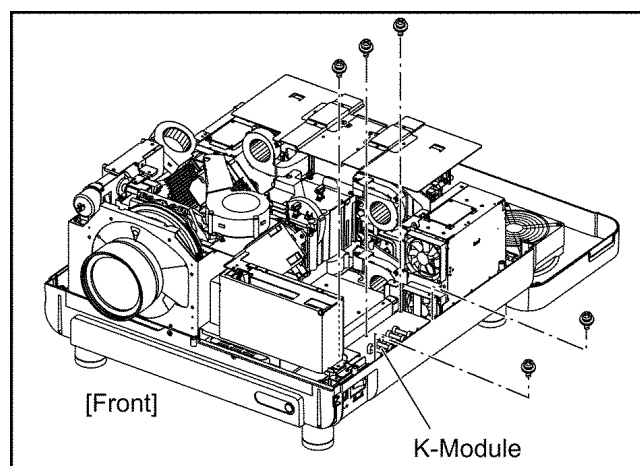
12.15. Removal of SL-P.C.Board

- (1) Remove the upper case according to the section 12.2. "Removal of Upper Case".
 (2) Unscrew the 2 screws and remove the SL-P.C.Board.



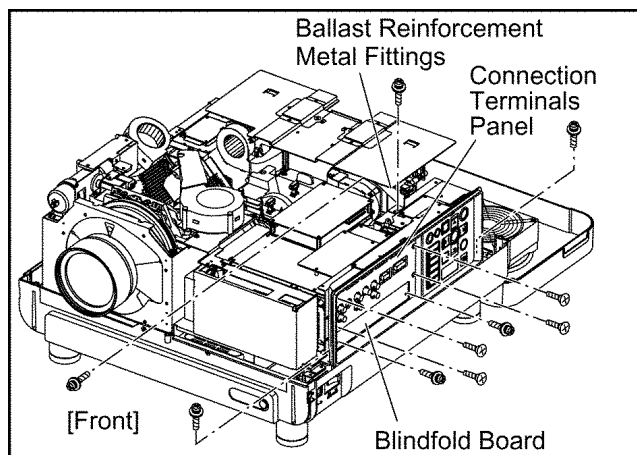
12.16. Removal of K-Module

- (1) Remove the signal processing block according to the steps 1 through 4 in the section 12.6. "Removal of G-P.C.Board".
 (2) Unscrew the 5 screws and remove the K-Module.

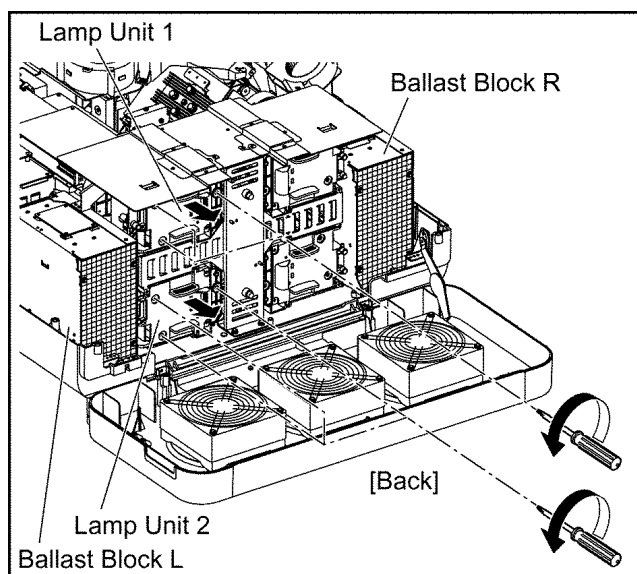


12.17. Removal of Ballasts 1 and 2 (B/Q-Module)

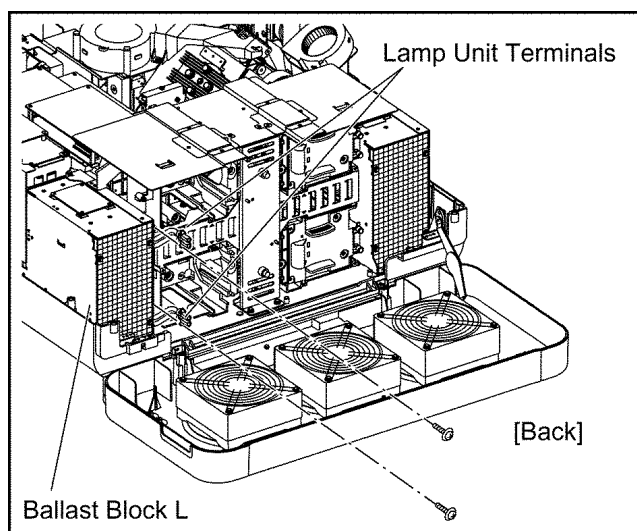
- (1) Remove the upper case according to the section 12.2. "Removal of Upper Case".
- (2) Unscrew the 2 screws and remove the blindfold board.
- (3) Unscrew the 6 screws and remove the connection terminals panel with S-P.C.Board and SL-P.C.Board.
- (4) Unscrew the 2 screws and remove the ballast reinforcement metal fittings.



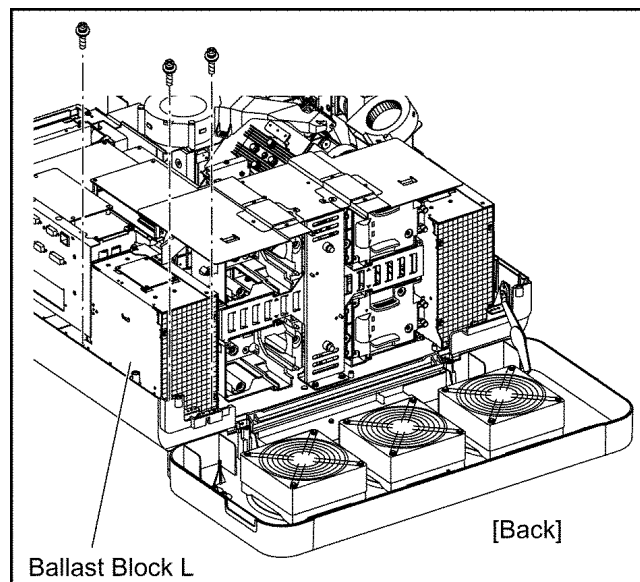
- (5) Loosen each of 3 screws until they idle, remove the lamp units 1 and 2.



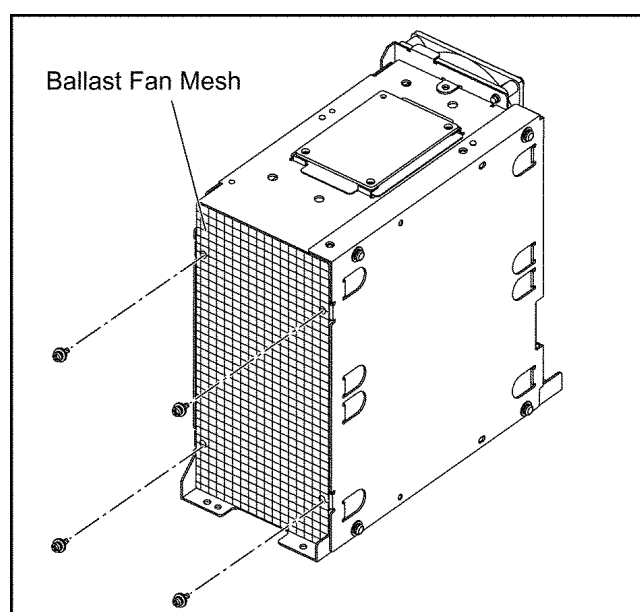
- (6) Unscrew each of 1 screw and release 2 lamp unit terminals of the ballast block L.



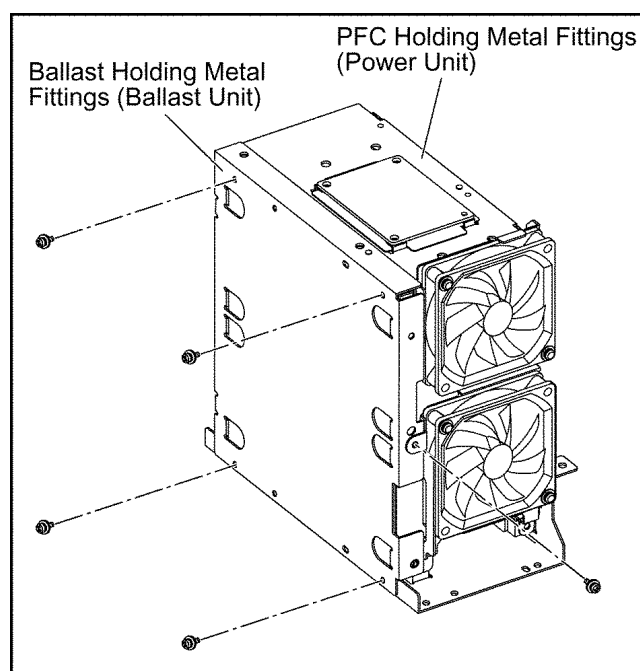
- (7) Unscrew the 3 screws and remove the Ballast block L.



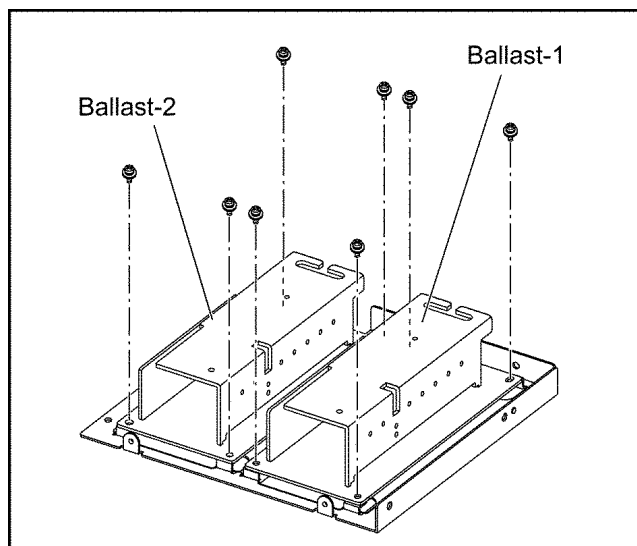
- (8) Unscrew the 4 screws and remove the ballast fan mesh.



- (9) Unscrew the 5 screws and separate the ballast holding metal fittings (ballast unit) and the PFC holding metal fittings (power unit).

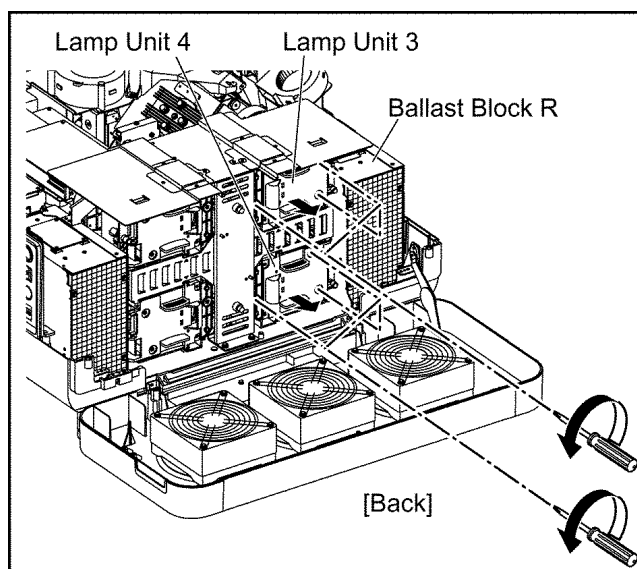


- (10) Unscrew each of 4 screws and remove the ballasts 1 and 2 (B/Q-Module).

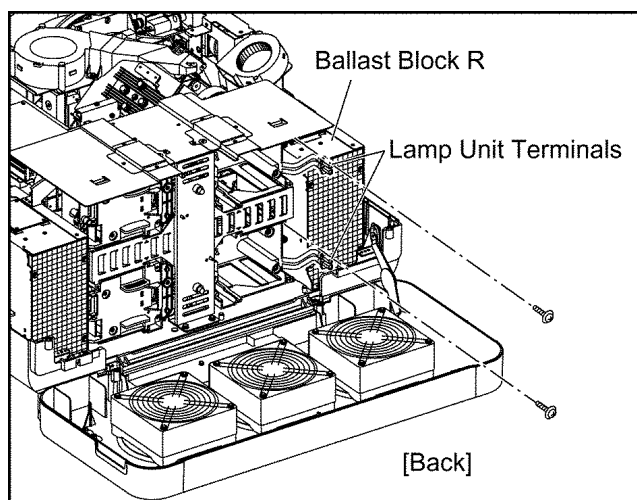


12.18. Removal of Ballasts 3 and 4 (B/Q-Module)

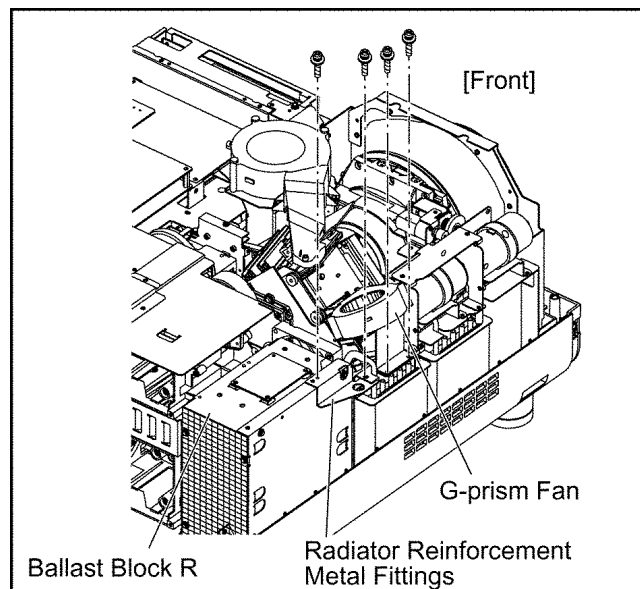
- (1) Remove the upper case according to the section 12.2. "Removal of Upper Case".
 (2) Loosen each of 3 screws until they idle, remove the lamp units 3 and 4.



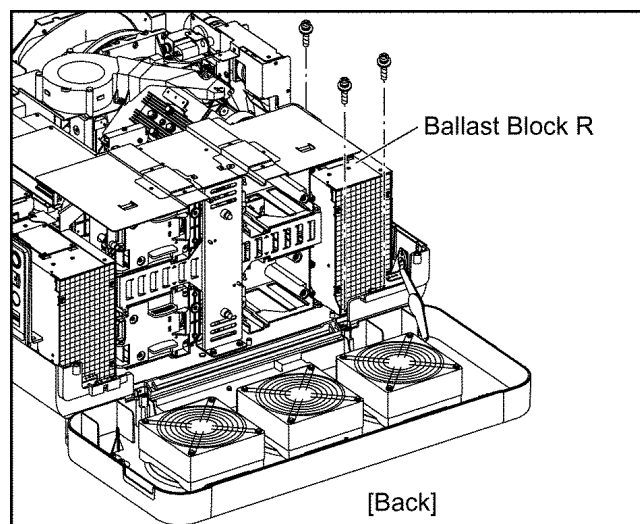
- (3) Unscrew each of 1 screw and release 2 lamp unit terminals of the ballast block R.



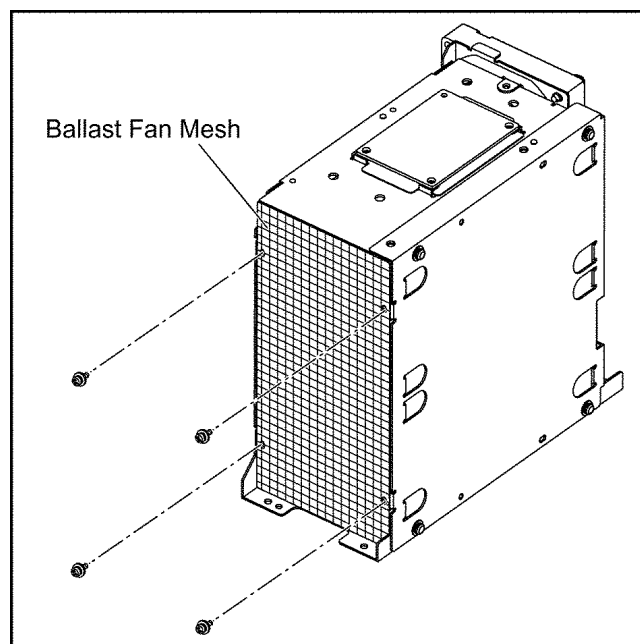
- (4) Unscrew the 2 screws and remove the radiator reinforcement metal fittings.
- (5) Unscrew the 2 screws and remove the G-prism fan.



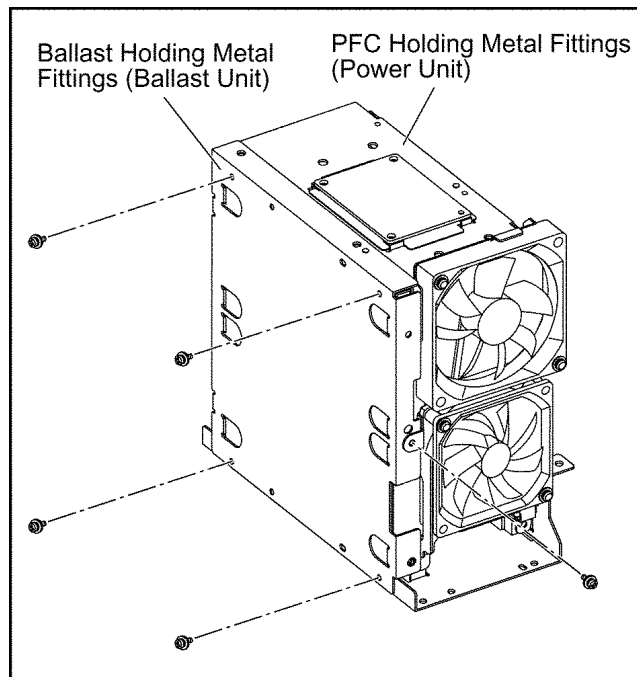
- (6) Unscrew the 3 screws and remove the ballast block R.



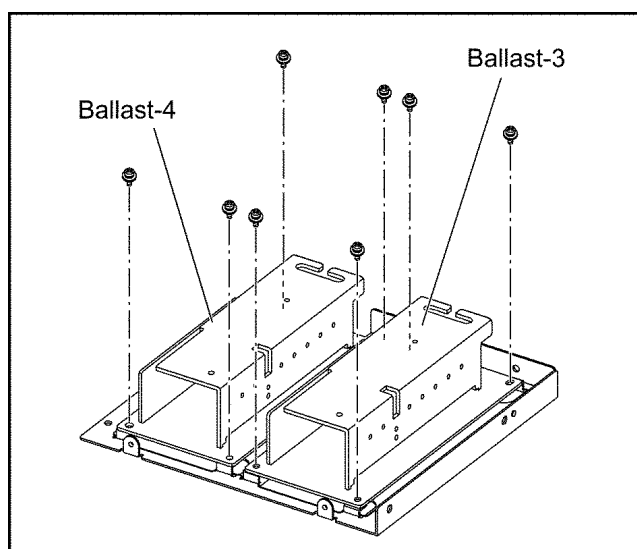
- (7) Unscrew the 4 screws and remove the ballast fan mesh.



- (8) Unscrew the 5 screws and separate the ballast holding metal fittings (ballast unit) and the PFC holding metal fittings (power unit).



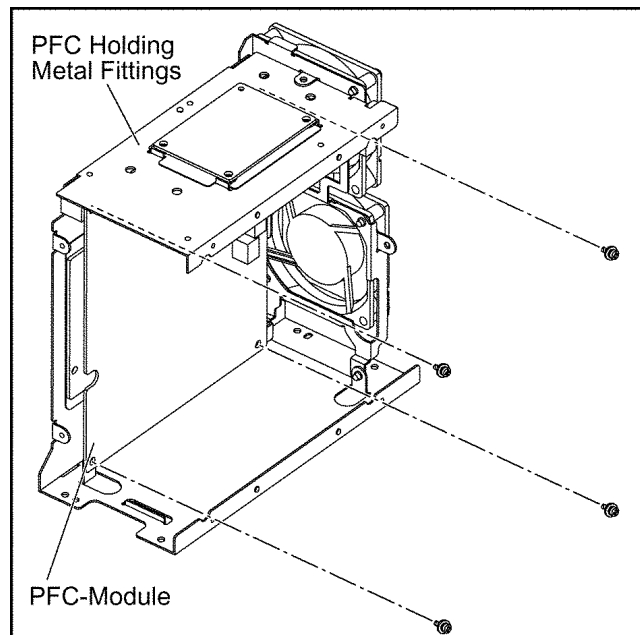
- (9) Unscrew each of 4 screws and remove the ballasts 3 and 4 (B/Q-Module).



12.19. Removal of PFC-Modele

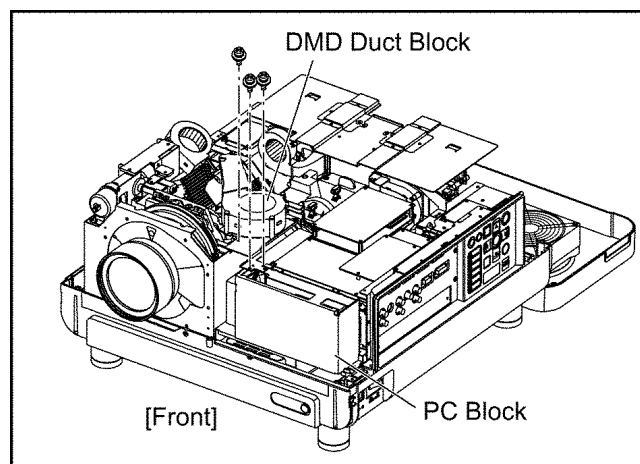
- The procedure is described as an example of Ballast Block L.

- (1) Remove the PFC holding metal fittings (power unit) according to the steps 1 through 9 in the section 12.17. "Removal of Ballasts 1 and 2 (B/Q-Module)".
- (2) Unscrew the 4 screws and remove the PFC-Module.

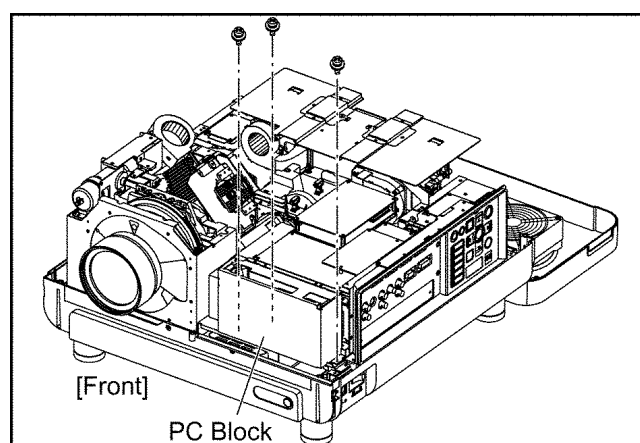


12.20. Removal of PC-Module

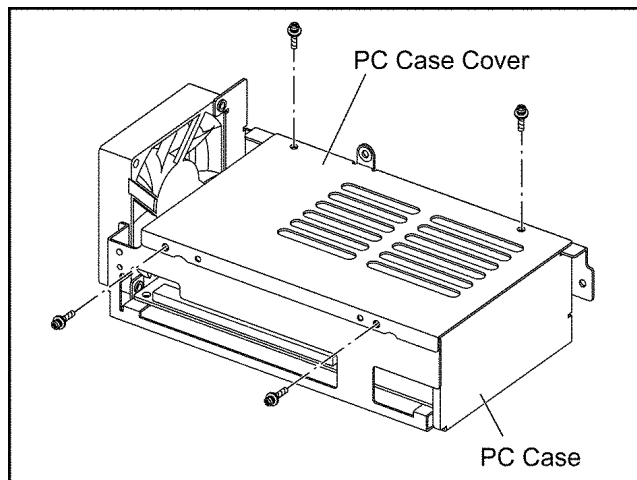
- (1) Remove the upper case according to the section 12.2. "Removal of Upper Case".
- (2) Unscrew the 3 screws and remove the DMD duct block.



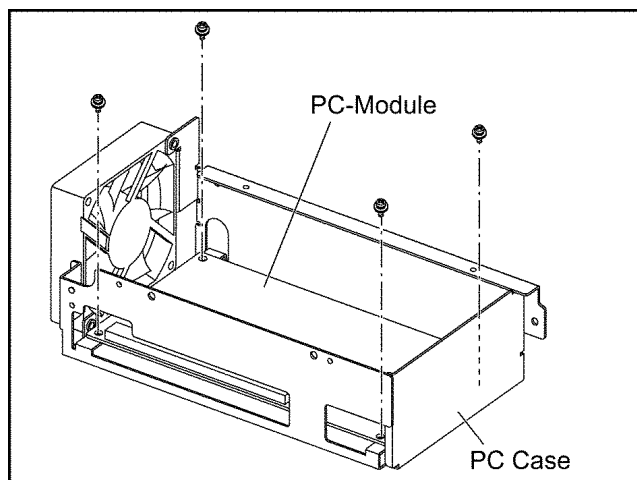
- (3) Unscrew the 3 screws and remove the PC block.



- (4) Unscrew the 4 screws and remove the PC case cover.



- (5) Unscrew the 4 screws and remove the PC-Module.

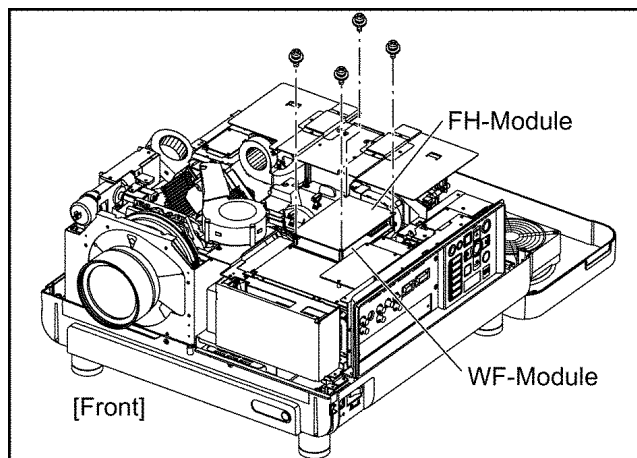


12.21. Removal of WF-Module (PT-DZ12000*/D12000* only)

- (1) Remove the upper case according to the section 12.2. "Removal of Upper Case".
- (2) Unscrew the 4 screws and remove the FH-Module.

Notes:

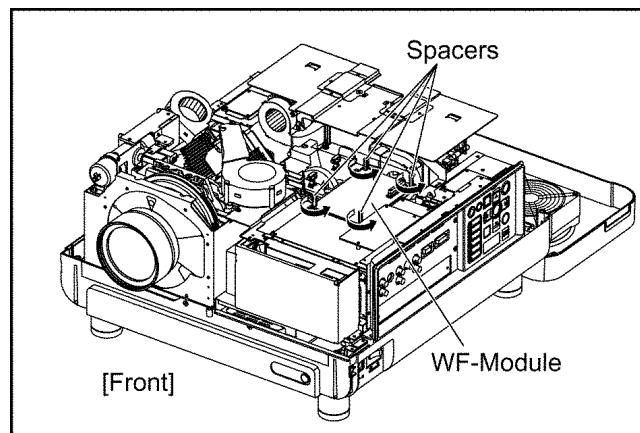
- The FH-Module is connected onto the WF-Module with the connector. Work carefully when removing it.



- (3) Unscrew the 4 spacers counterclockwise and remove the WF-Module.

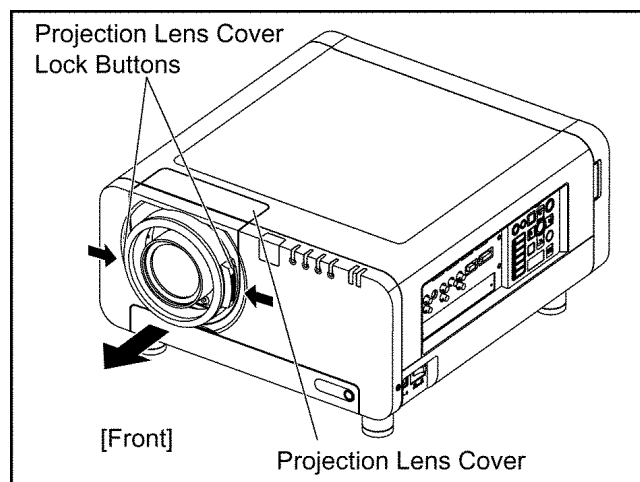
Note:

- The WF-Module is connected onto the A-P.C.Board with the connector. Work carefully when removing it.

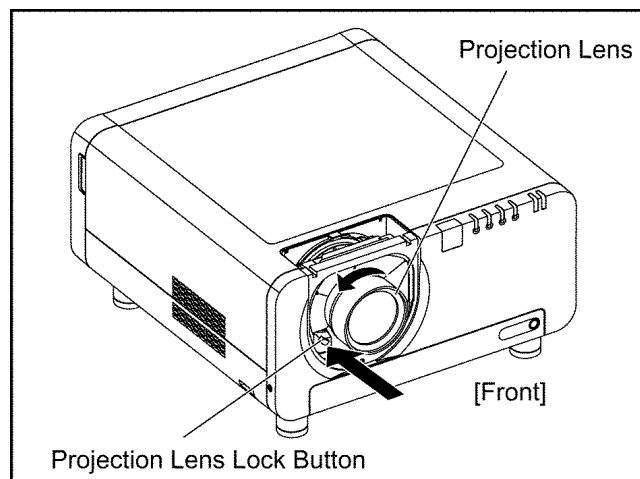


12.22. Removal of Projection Lens

- (1) While pressing the projection lens cover lock buttons, pull the cover forward to remove it.



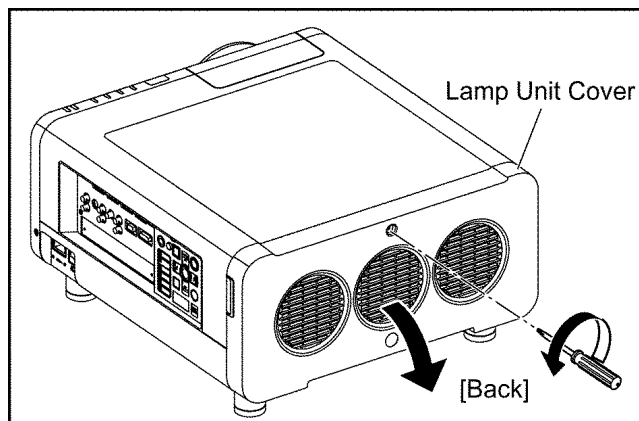
- (2) While holding down the projection lens lock button, turn the projection lens counterclockwise, and then pull it off.



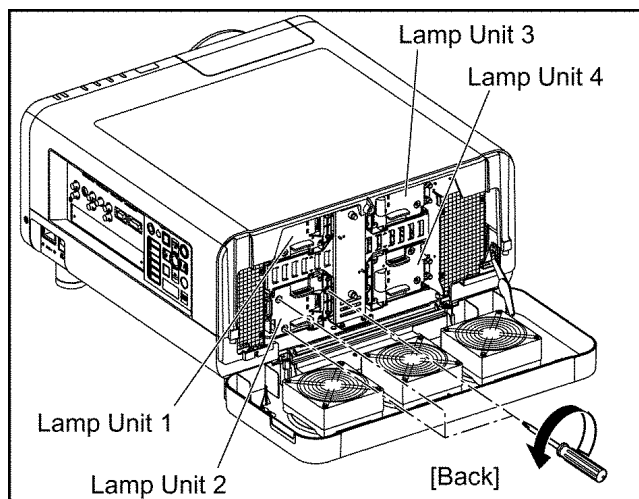
12.23. Removal of Lamp Unit

- The procedure is described as an example of lamp unit 2.

- (1) Loosen the 1 screw until it idles and open the lamp unit cover.



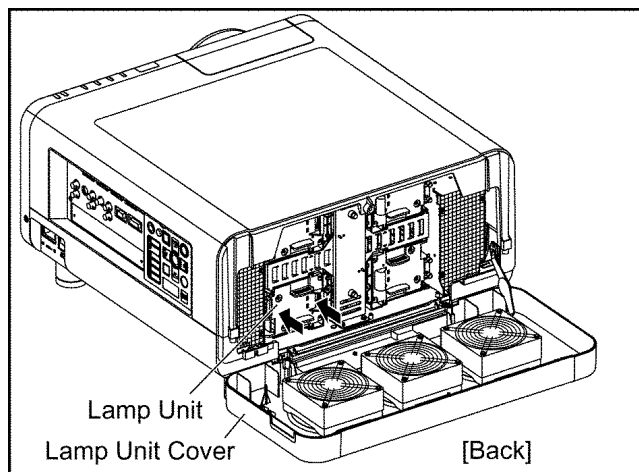
- (2) Loosen the 3 screws until they idle and remove the lamp unit 2.



Note:

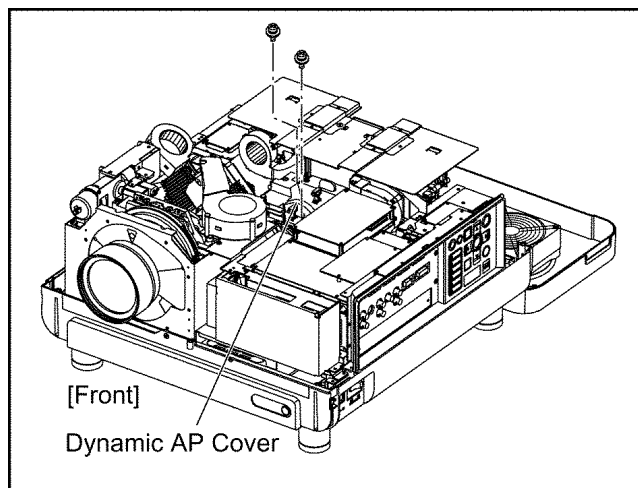
- When installing the lamp unit in the main unit, place it in a specified position and press the back of the lamp unit (arrow positions shown in right figure), and confirm the lamp unit is inserted securely.

Then, tighten the 3 screws fixing the lamp unit and close the lamp unit cover.

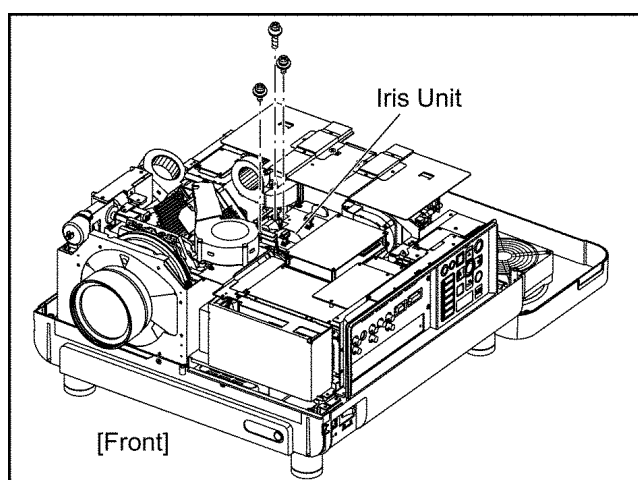


12.24. Removal of Iris Unit

- (1) Remove the upper case according to the section 12.2. "Removal of Upper Case".
- (2) Unscrew the 2 screws and remove the dynamic AP cover.

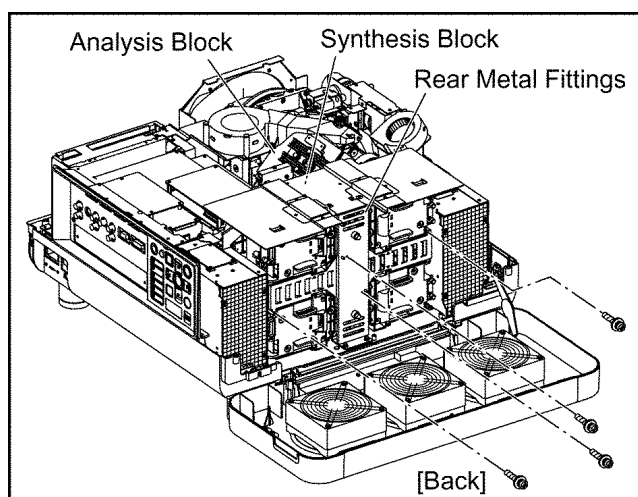


- (3) Unscrew the 3 screws and remove the iris unit.

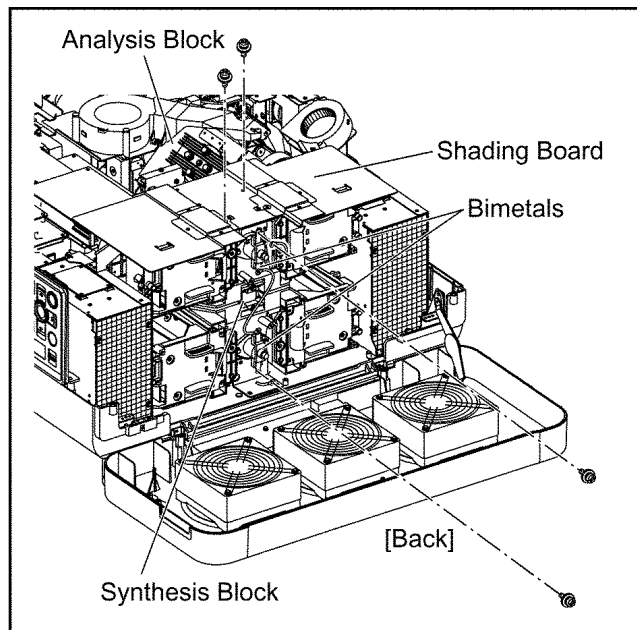


12.25. Removal of Analysis Block

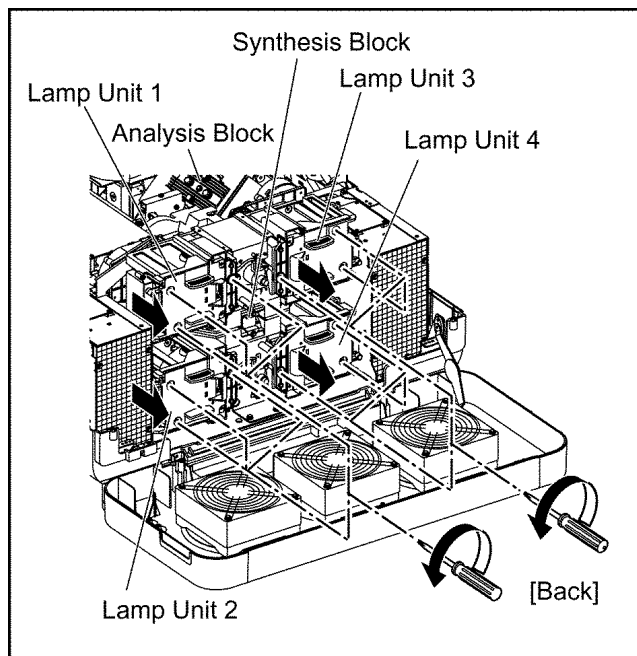
- (1) Remove the upper case according to the section 12.2. "Removal of Upper Case".
- (2) Unscrew the 4 screws and remove the rear metal fittings.



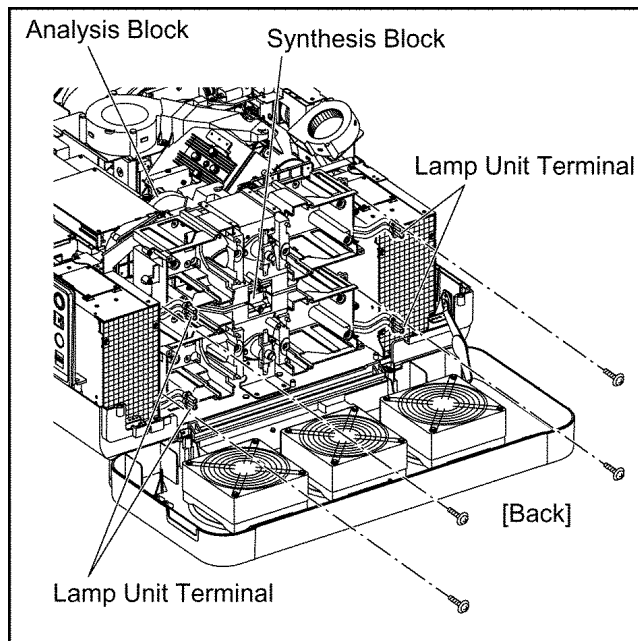
- (3) Unscrew the 2 screws and remove the shading board.
- (4) Unscrew each of 1 screw and disconnect wiring connection to the 2 bimetals.



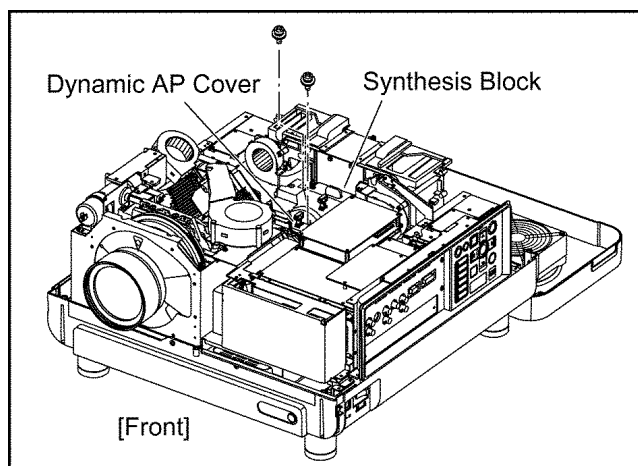
- (5) Loosen each of 3 screws until they idle, remove the 4 lamp units.



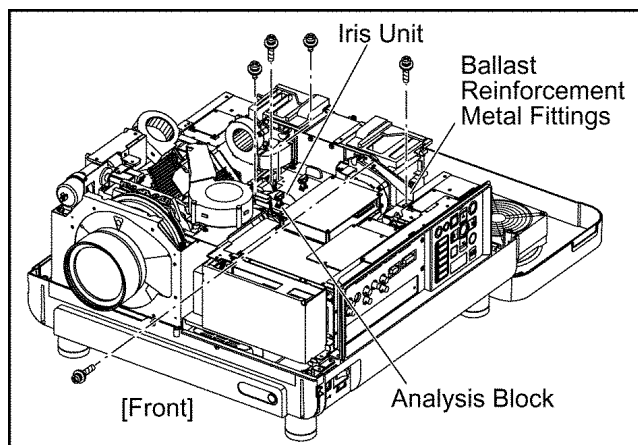
- (6) Unscrew each of 1 screw and release 4 lamp unit terminals in total of the 4 ballasts.



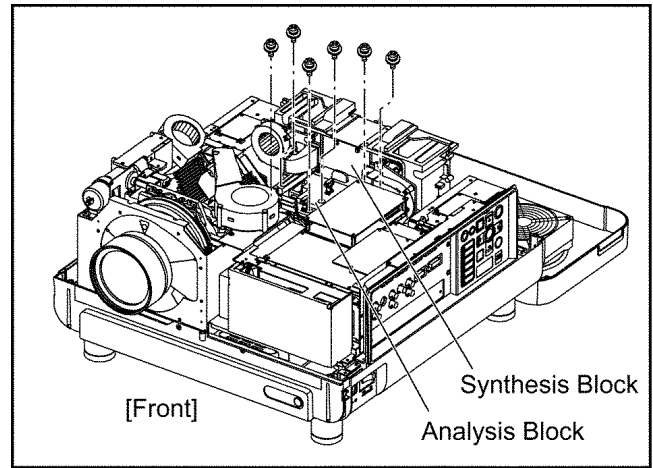
- (7) Unscrew the 2 screws and remove the dynamic AP cover.



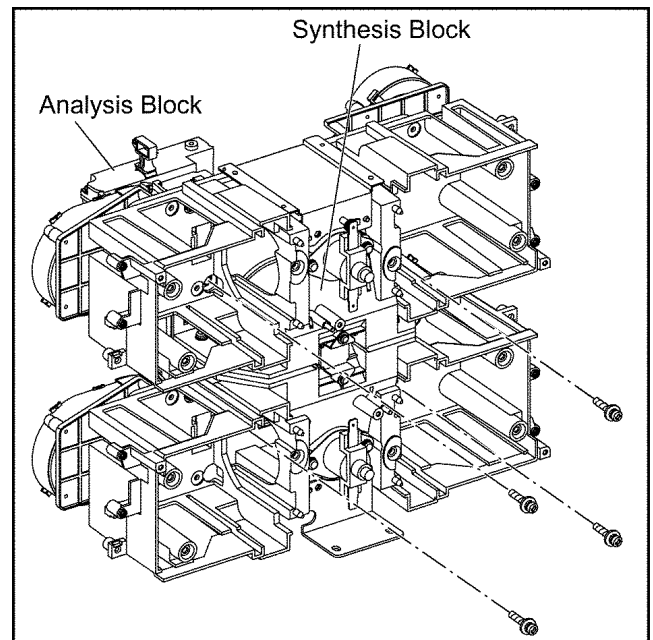
- (8) Unscrew the 3 screws and remove the iris unit.
 (9) Unscrew the 2 screws and remove the ballast reinforcement metal fittings.



- (10) Unscrew the 6 screws and remove the synthesis block and analysis block.

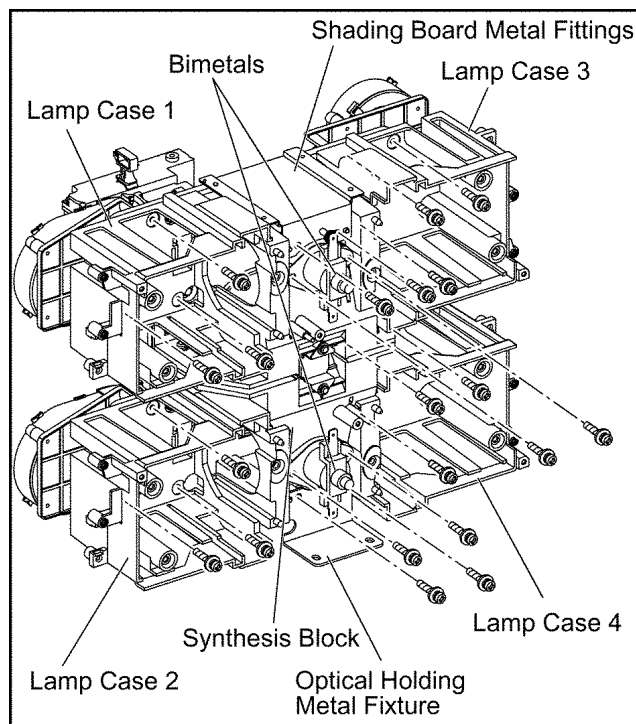


- (11) Unscrew the 4 screws and separate the analysis block and synthesis block (with lamp case).

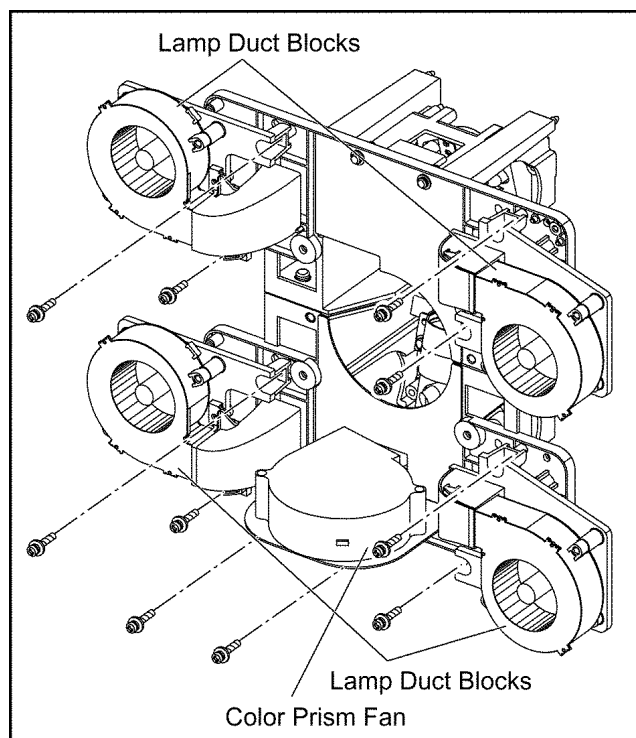


12.26. Removal of Synthesis Block

- (1) Remove the synthesis block (with lamp case) according to the section 12.25. "Removal of Analysis Block".
- (2) Unscrew each of 3 screws and remove the 4 lamp cases.
- (3) Unscrew the 2 screws and remove the optical holding metal fixture.
- (4) Unscrew each of 2 screws and remove the 2 bimetals.
- (5) Unscrew the 2 screws and remove the shading board metal fittings.



- (6) Unscrew each of 2 screws and remove the 4 lamp duct blocks.
- (7) Unscrew the 2 screws and remove the color prism fan.

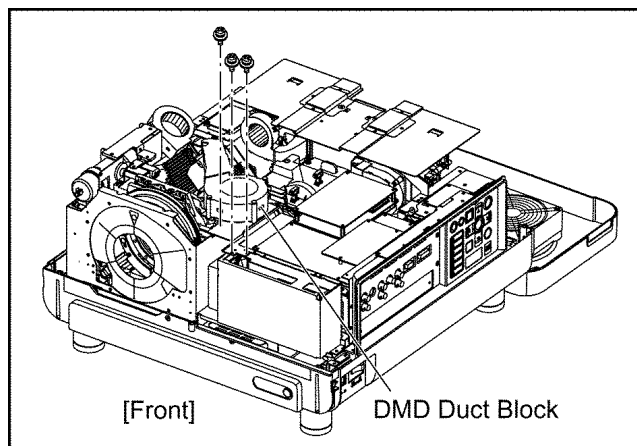


12.27. Removal of DMD Block and Liquid Cooling Unit

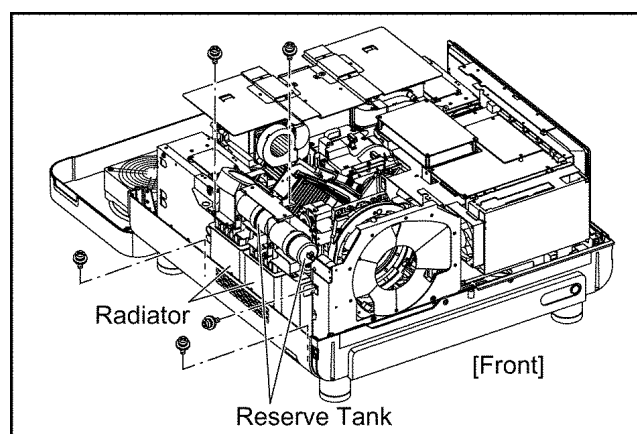
Note:

- Before attempting the removing, shift the lens to the foremost position.

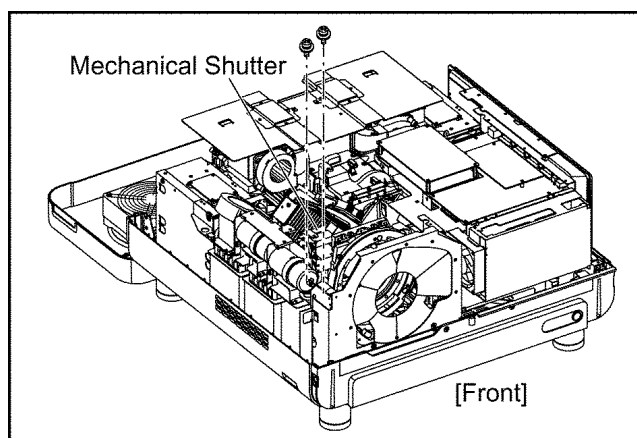
- (1) Remove the projection lens according to the section 12.22. "Removal of Projection Lens".
- (2) Remove the upper case according to the section 12.2. "Removal of Upper Case".
- (3) Unscrew the 3 screws and remove the DMD duct block.



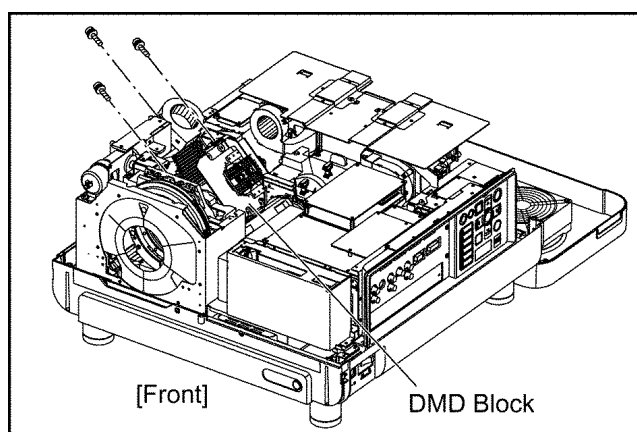
- (4) Unscrew the 5 screws and release the block of liquid cooling unit radiator and reserve tank.



- (5) Unscrew the 2 screws and remove the mechanical shutter.



- (6) Unscrew the 3 screws and remove the DMD block and liquid cooling unit.

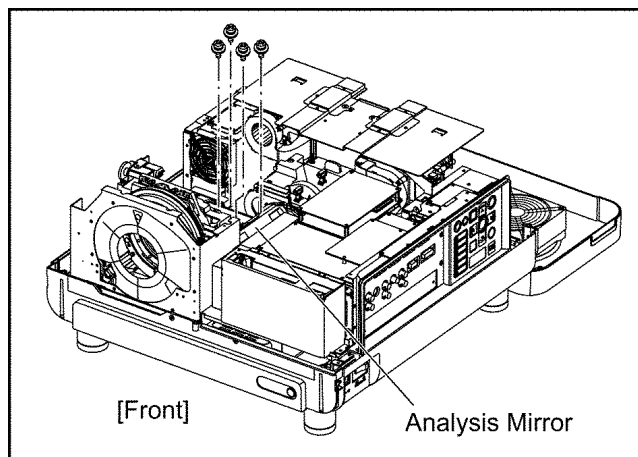


12.28. Removal of Analysis Mirror

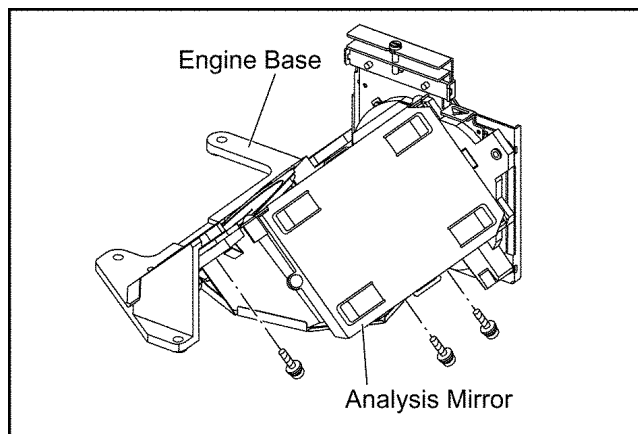
Note:

· Before attempting the removing, shift the lens to the foremost position.

- (1) Remove the DMD block and liquid cooling unit according to the section 12.27. "Removal of DMD Block and Liquid Cooling Unit".
- (2) Unscrew the 4 screws and remove the analysis mirror with engine base.



- (3) Unscrew the 3 screws and remove the engine base.

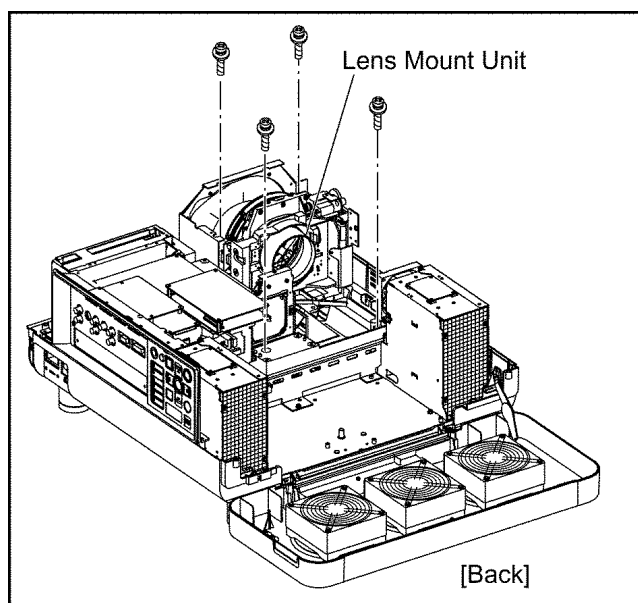


12.29. Removal of Lens Mount Unit

Note:

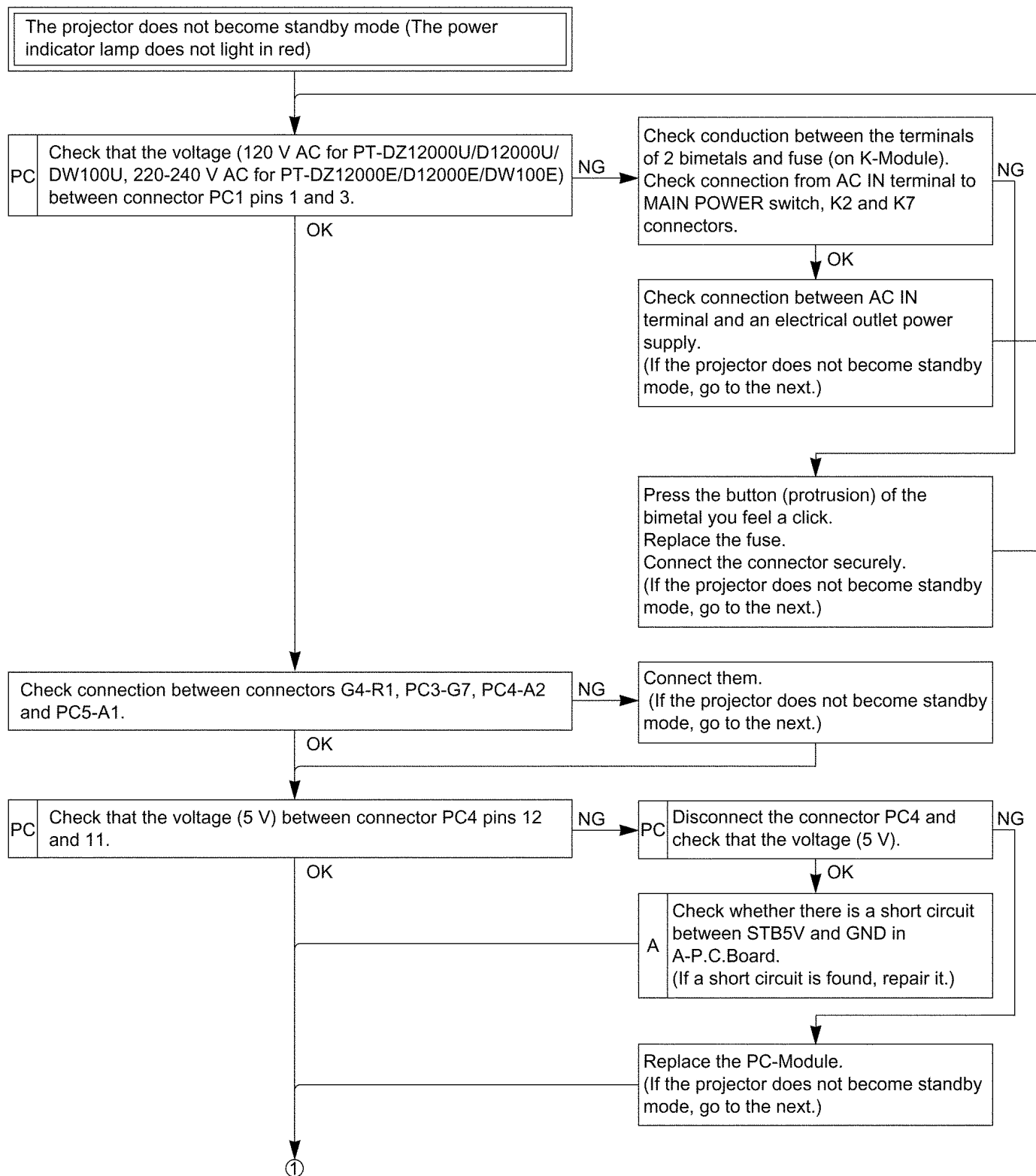
· Before attempting the removing, shift the lens to the foremost position.

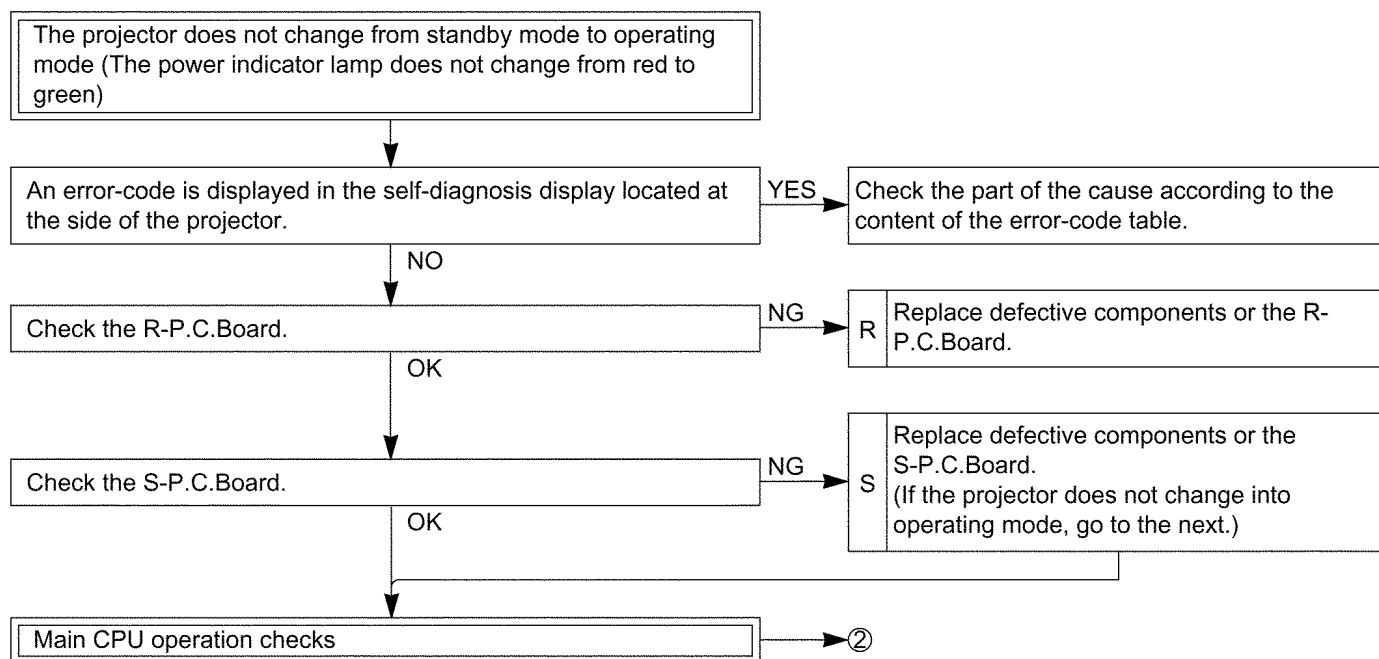
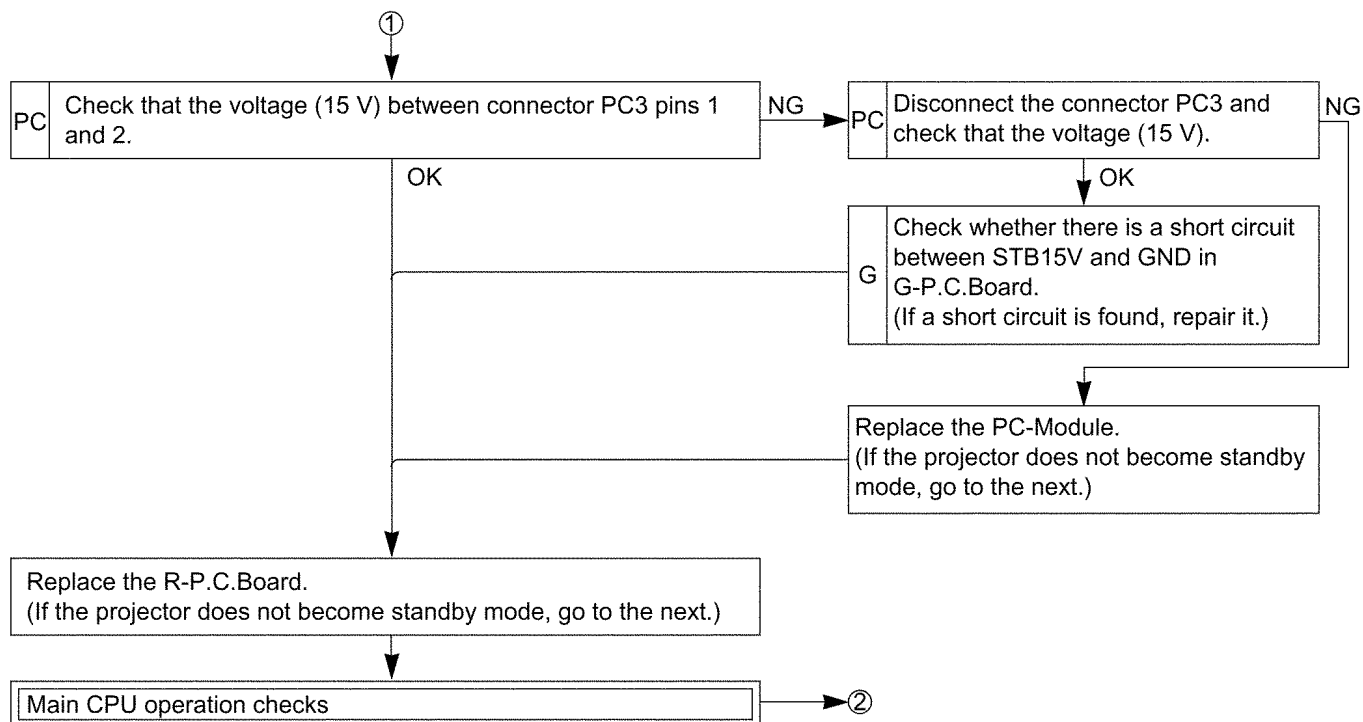
- (1) Remove the projection lens, DMD block, liquid cooling unit and analysis mirror according to the section 12.28. "Removal of Analysis Mirror".
- (2) Remove the synthesis block and analysis block according to the steps 2 through 10 in the section 12.25. "Removal of Analysis Block".
- (3) Unscrew the 4 screws and remove the lens mount unit.

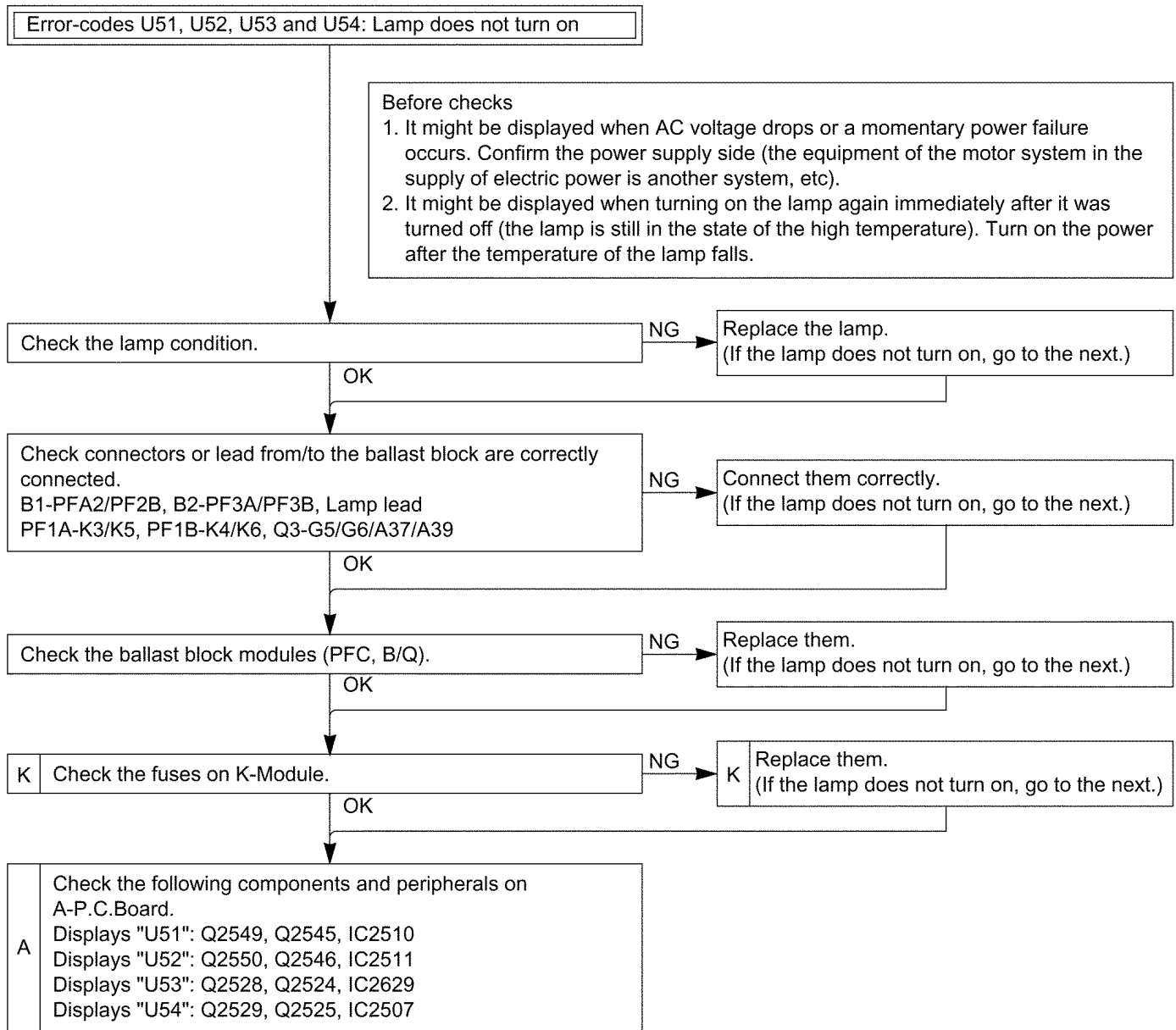


13 Troubleshooting

The alphabets (A, PC, etc.) in the left box of the inspection items indicate the names of P.C.Boards or modules to be checked.







Error-codes F21, F22 and F23: Power-supply voltage for the signal processing circuit is abnormal

F21: It is displayed when 2.5 V for the signal processing circuit is abnormal.
 F22: It is displayed when 3.3 V for the signal processing circuit is abnormal.
 F23: It is displayed when 5 V for the signal processing circuit is abnormal.

A Disconnect connector A1 and switch the projector from standby mode to ON (projection mode), then check each voltage on the PC5 side (cable side).
 Pin 6: 2.5 V - Pin 1: GND
 Pin 4: 3.3 V - Pin 1: GND
 Pin 2: 5 V - Pin 1: GND

NG

Replace the PC-Module.

OK

A Connect the connector A1.
 Disconnect connector A3 and switch the projector from standby mode to ON (projection mode), then check each voltage on the A3 side (P.C.Board side).

OK

Replace the FG-Module (for Blue).

NG

A Connect the connector A3.
 Disconnect connector A4 and switch the projector from standby mode to ON (projection mode), then check each voltage on the A4 side (P.C.Board side).

OK

Replace the FR-Module.

NG

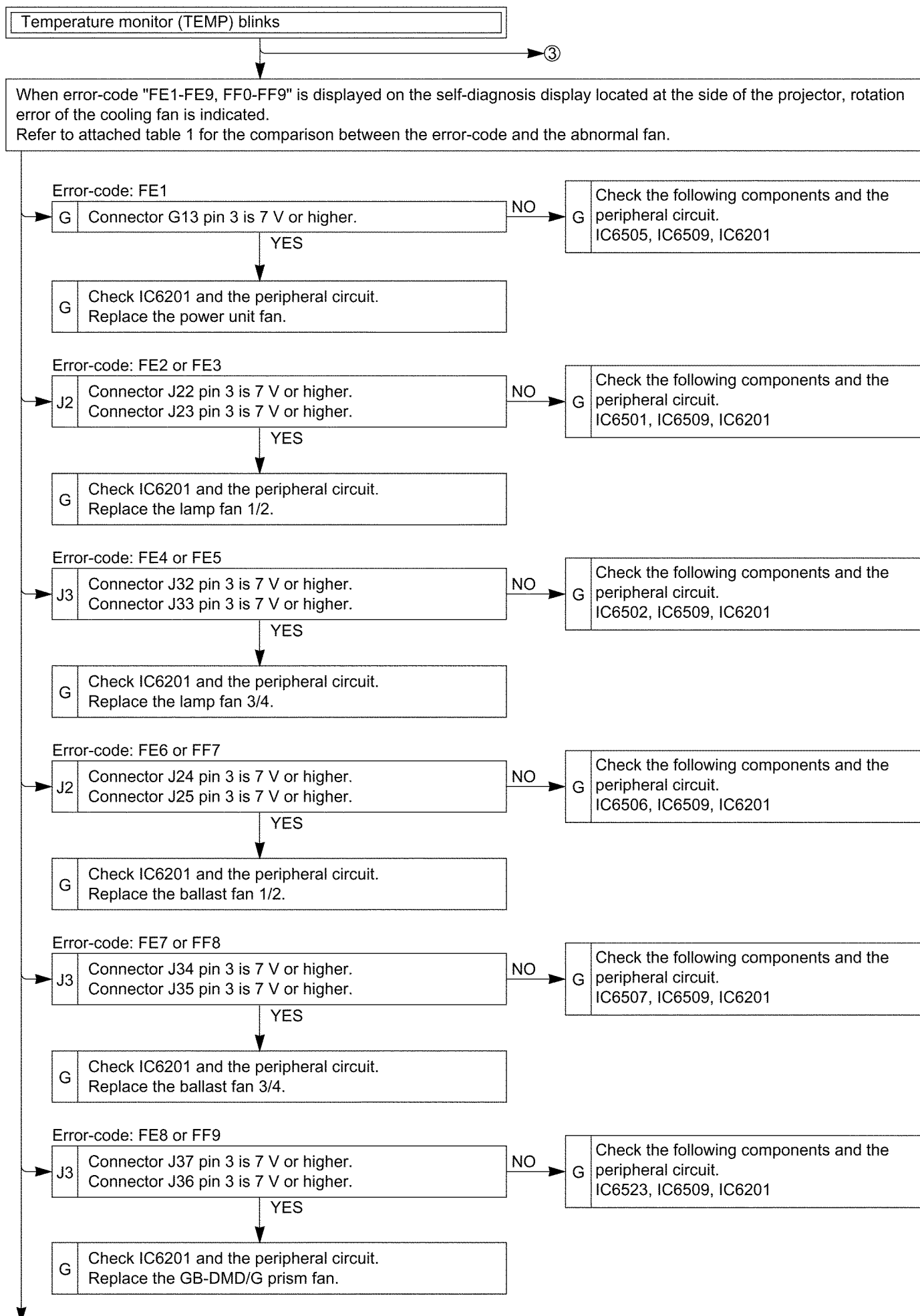
A Connect the connector A4.
 Disconnect connector A5 and switch the projector from standby mode to ON (projection mode), then check each voltage on the A5 side (P.C.Board side).

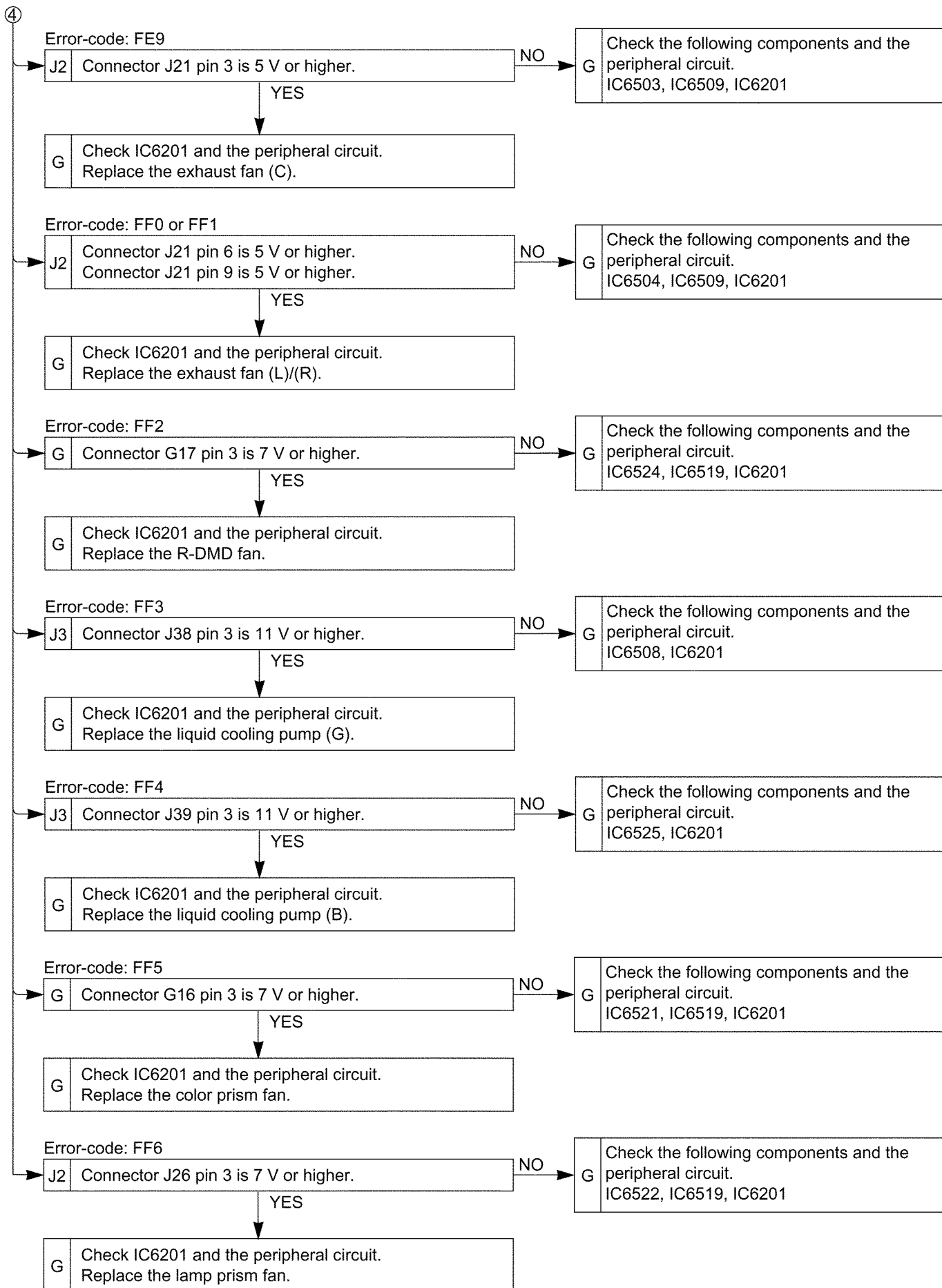
OK

Replace the FG-Module (for Green).

NG

Check or replace the A-P.C.Board.



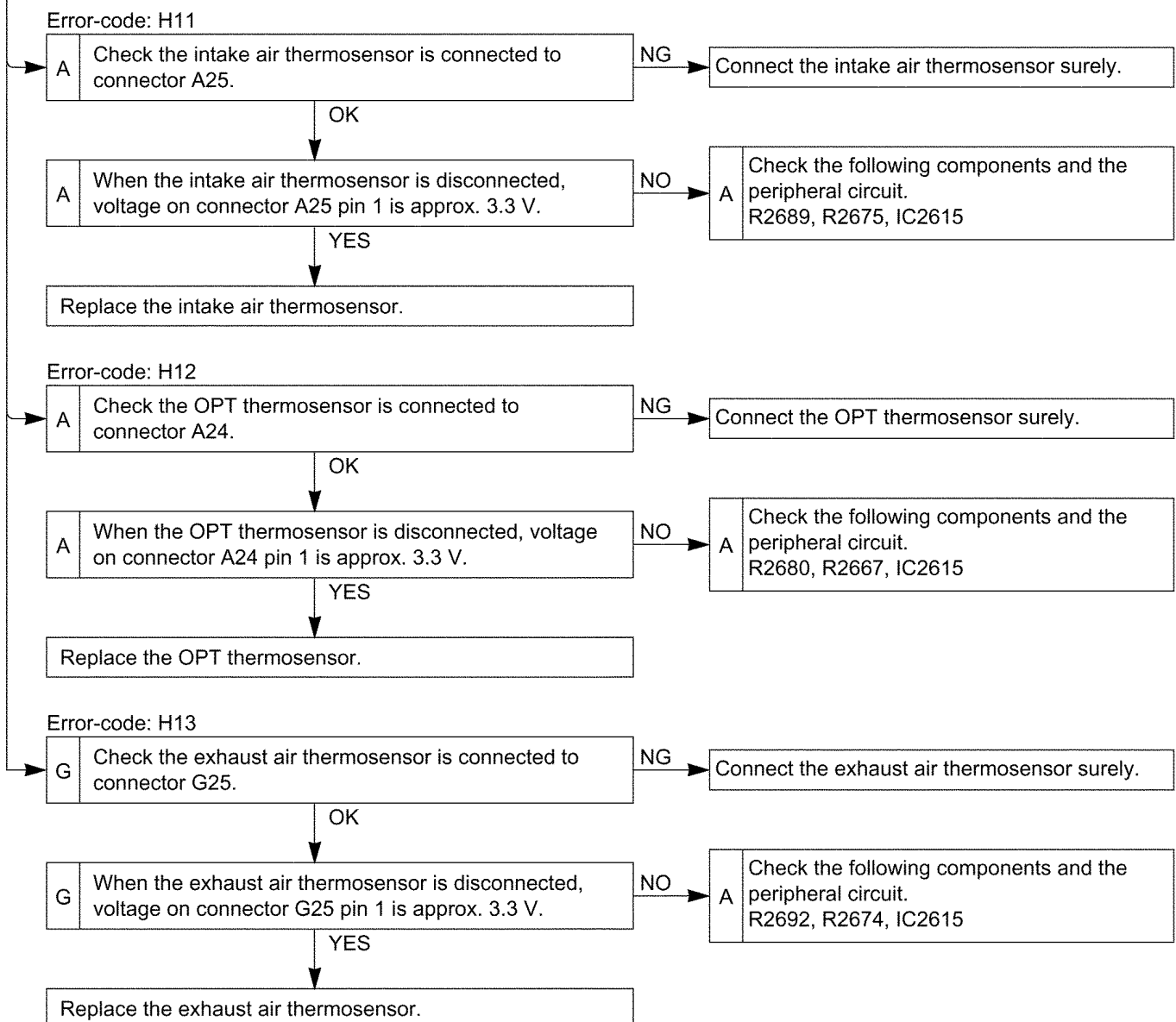


Attached table 1: Error-code List

Error-code	Connector	Fan/Module	Error-code	Connector	Fan/Module
FE1	G13	Power unit fan	FF0	J21(L)	Exhaust fan (L)
FE2	J22	Lamp fan 1	FF1	J21(R)	Exhaust fan (R)
FE3	J23	Lamp fan 2	FF2	G17	R-DMD fan
FE4	J32	Lamp fan 3	FF3	J38	Liquid cooling pump (G)
FE5	J33	Lamp fan 4	FF4	J39	Liquid cooling pump (B)
FE6	J24	Ballast fan 1	FF5	G16	Color prism fan
FE7	J34	Ballast fan 3	FF6	J26	Lamp prism fan
FE8	J37	GB-DMD fan	FF7	J25	Ballast fan 2
FE9	J21(C)	Exhaust fan (C)	FF8	J35	Ballast fan 4
			FF9	J36	G prism fan

③

When error-code "H11-H13" is displayed on the self-diagnosis display located at the side of the projector, an error related to thermosensor is indicated.



③

When error-code "F11-F13" is displayed on the self-diagnosis display located at the side of the projector, an error related to mechanical section is indicated.

Error-code: F11 [Shutter error]

Check whether a movable part is caught in the mechanical aperture.

NG → Eliminate the cause of caught.
(If the error is not canceled, go to the next.)

OK

G Check the lens shutter is connected to connector G11.

NG → Connect the lens shutter surely.

OK

G Check IC6518 and the peripheral circuit.
Replace the mechanical aperture unit.

Error-code: F12 [Dynamic iris error]

Check whether a movable part is caught in the cleaning unit.

NG → Eliminate the cause of caught.
(If the error is not canceled, go to the next.)

OK

G Check the iris motor and H-P.C.Board are connected to connector G8.

NG → Connect the connector surely.

OK

G Check IC6512 and the peripheral circuit.
Replace the dynamic iris unit.

Error-code: F13 [Air filter cleaning unit error]

Check whether a movable part is caught in the cleaning unit.

NG → Eliminate the cause of caught.
(If the error is not canceled, go to the next.)

OK

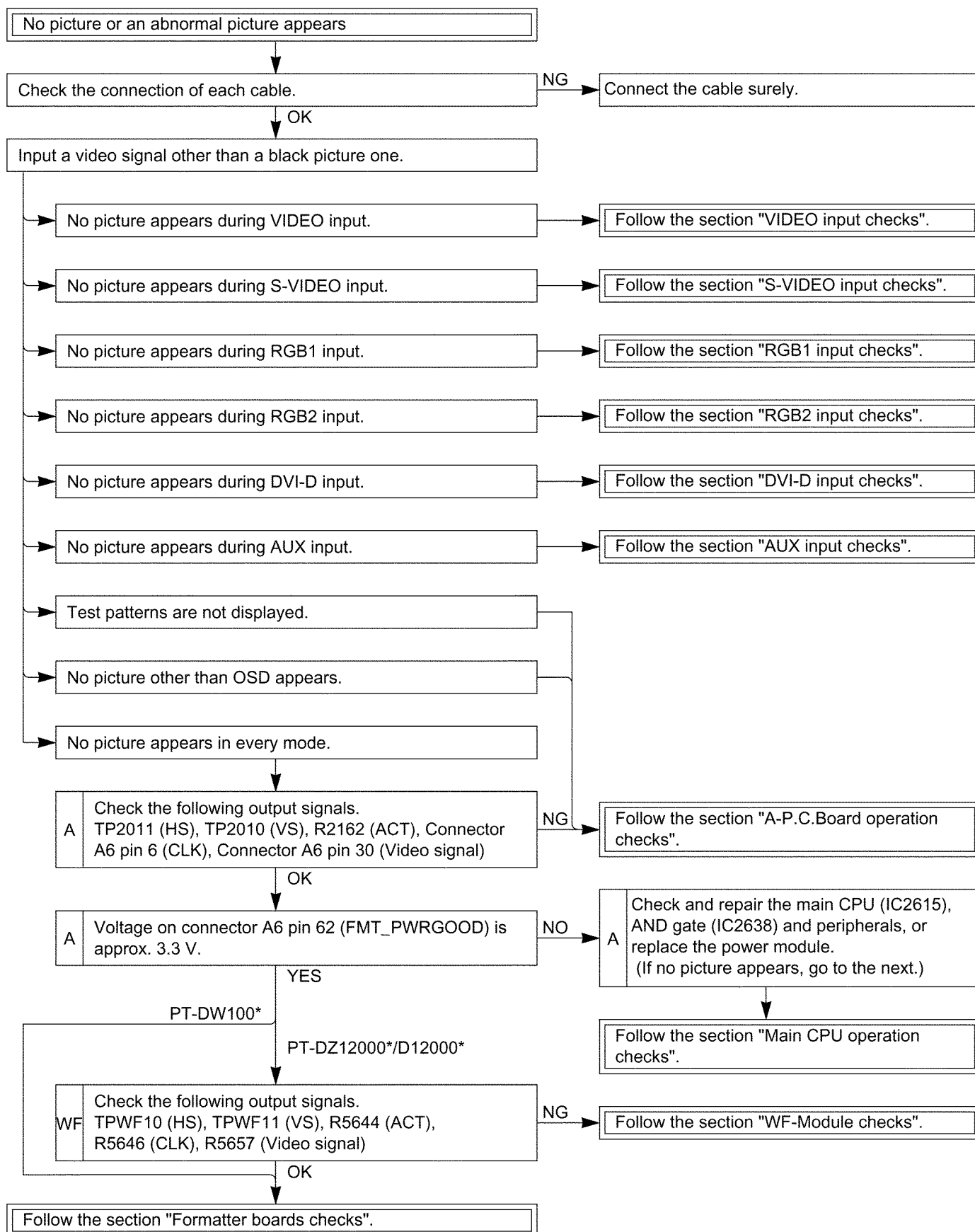
Replace the cleaning unit.
(If the error is not canceled, go to the next.)

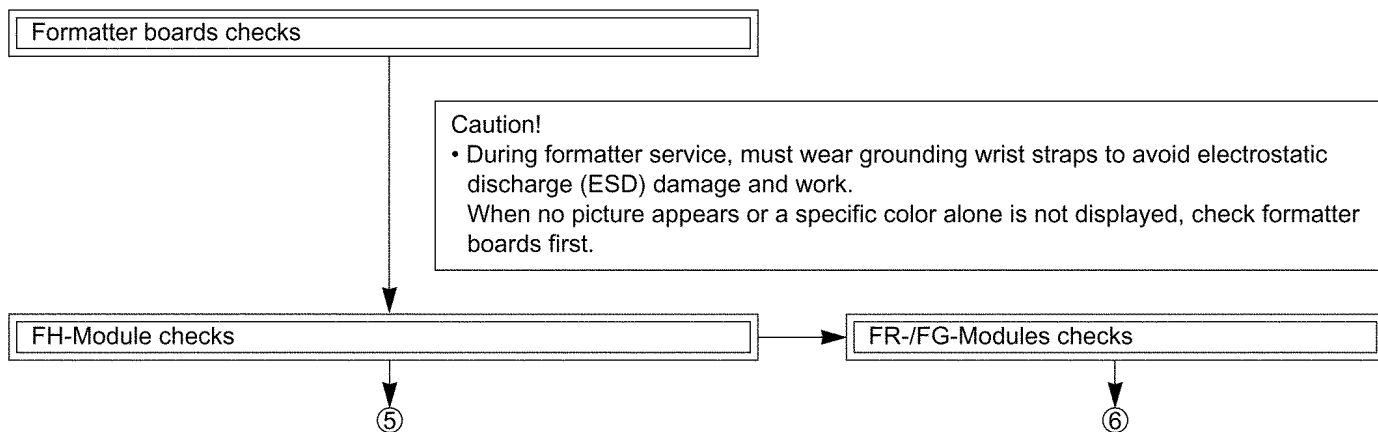
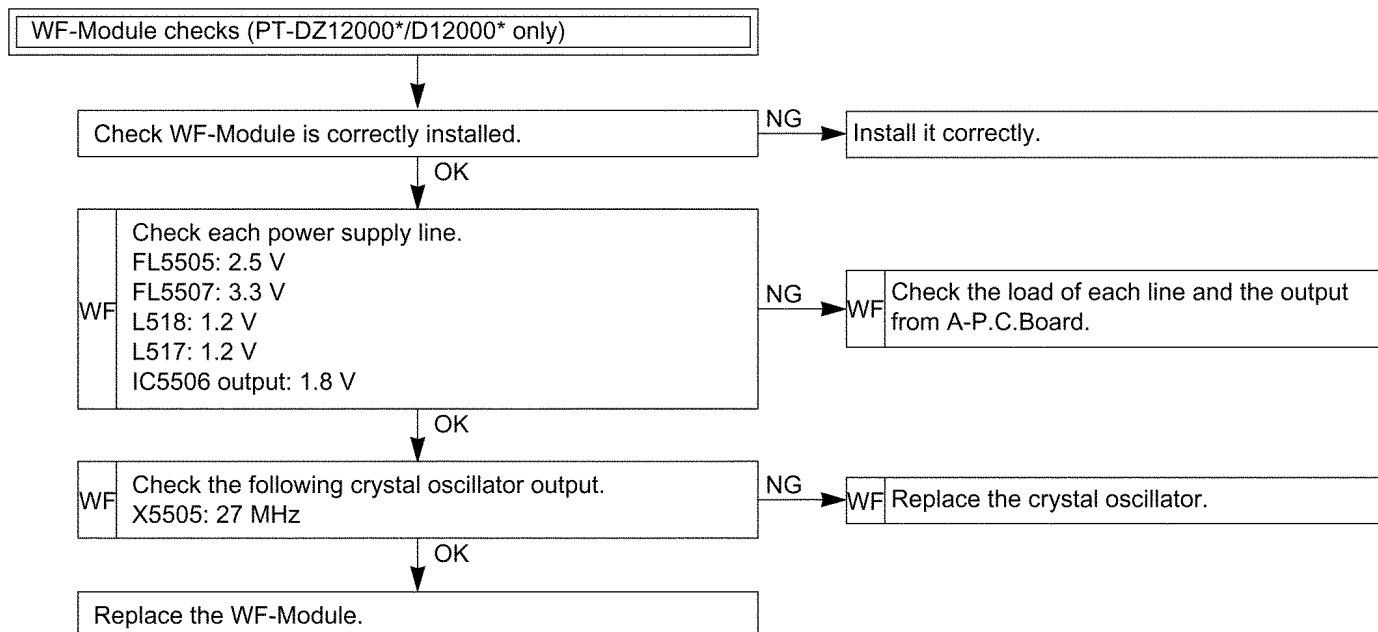
G Check the cleaner motor and CL-P.C.Board are connected to connector G12.

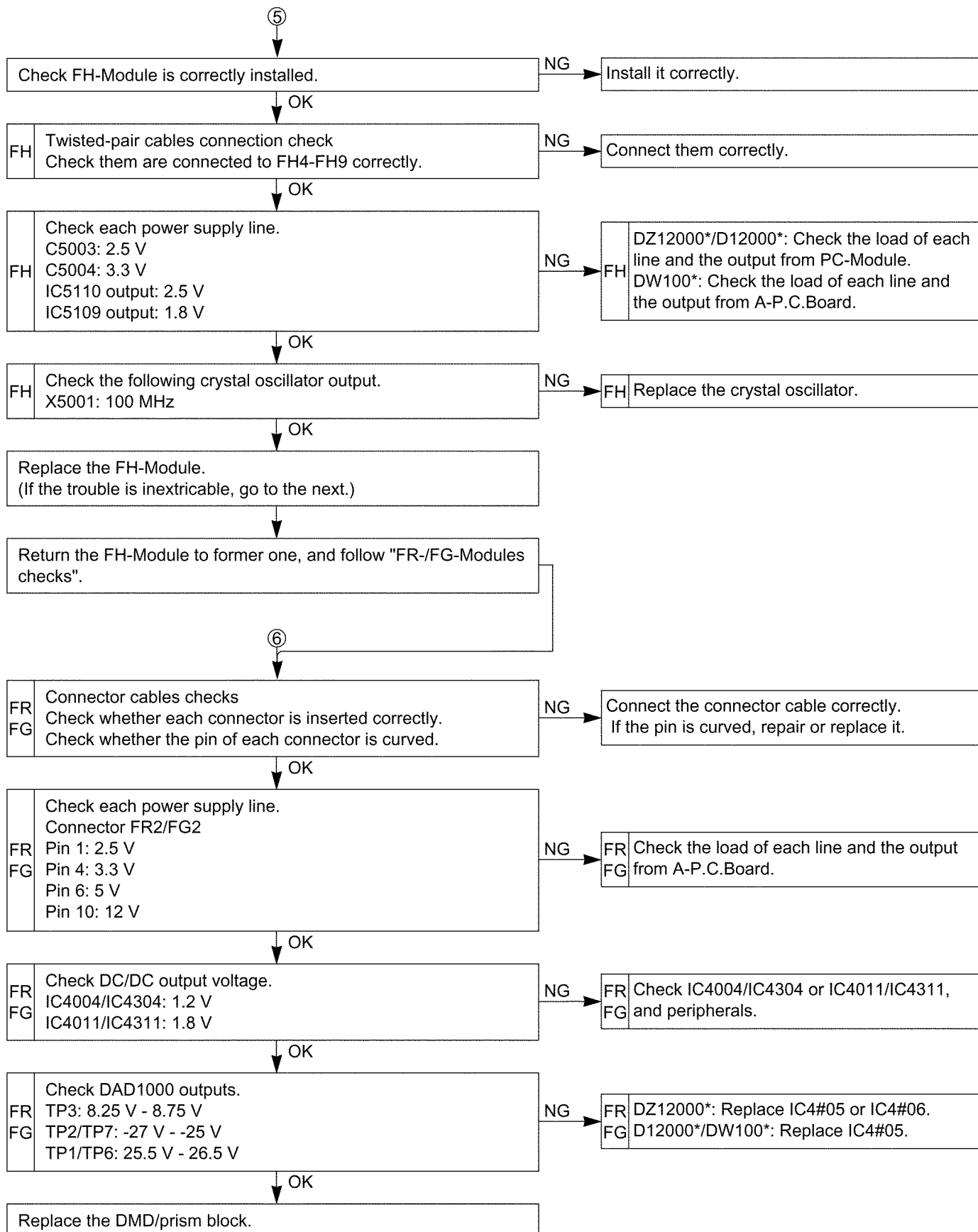
NG → Connect the connector surely.

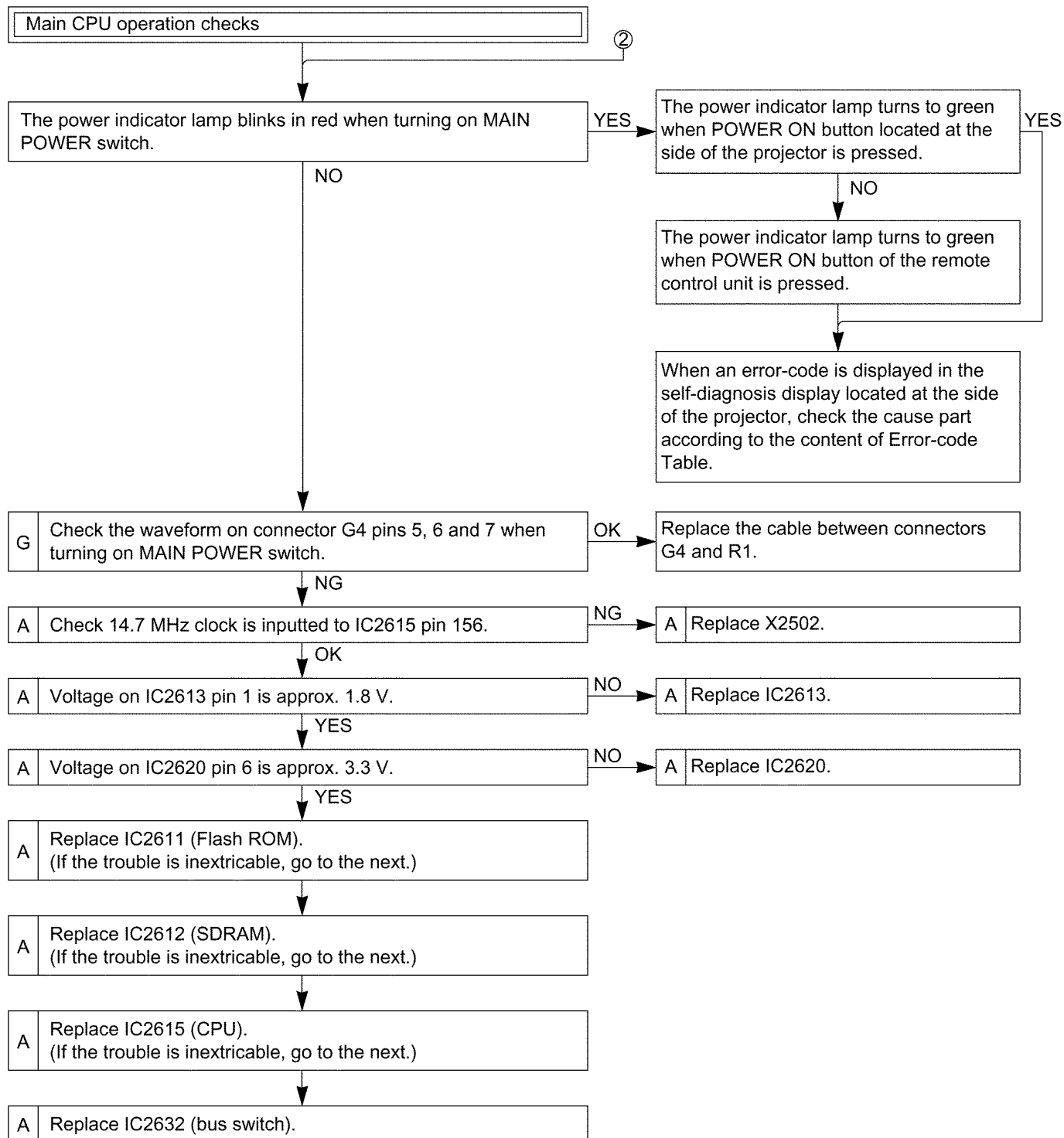
OK

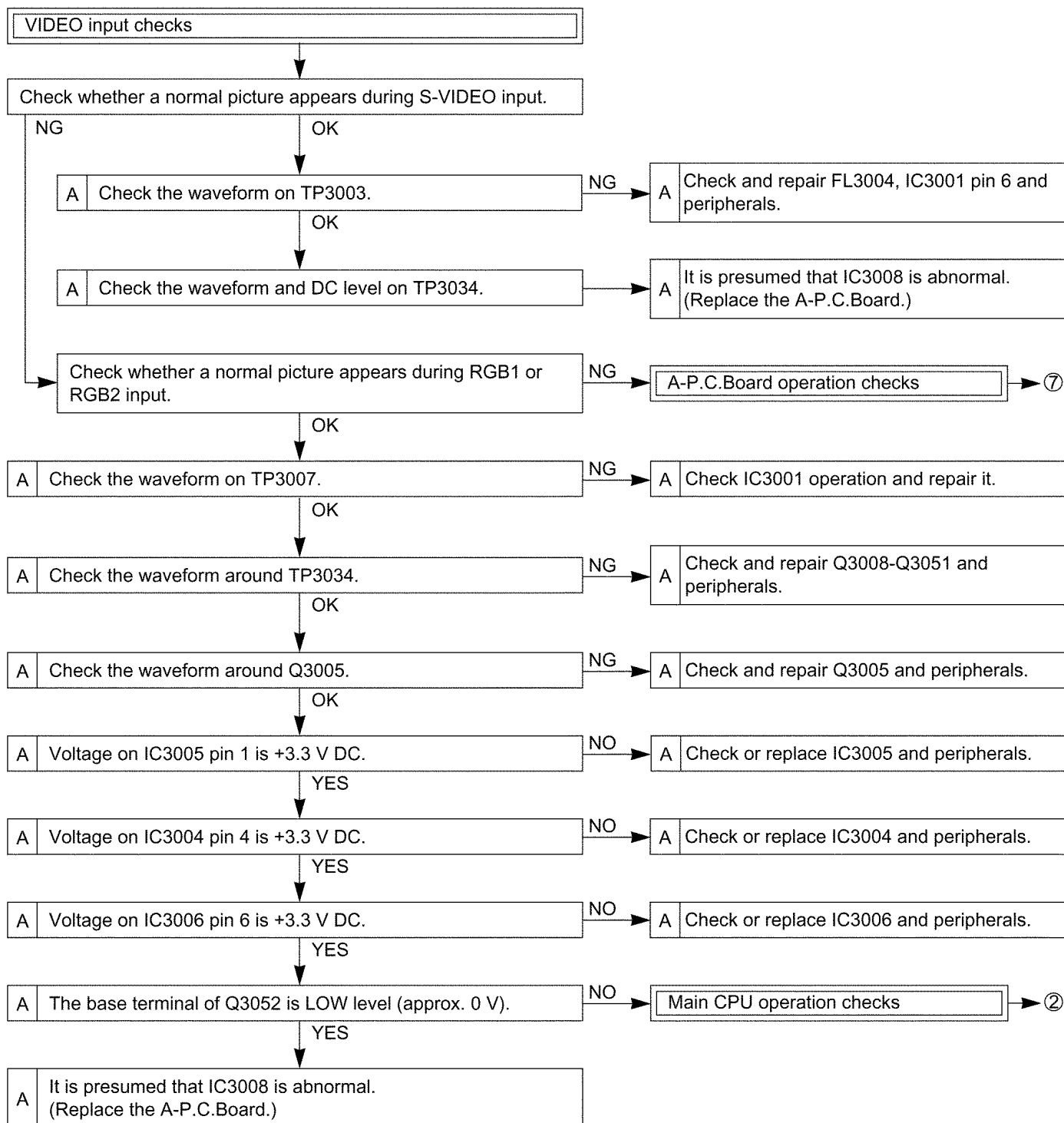
G Check IC6518 and the peripheral circuit.

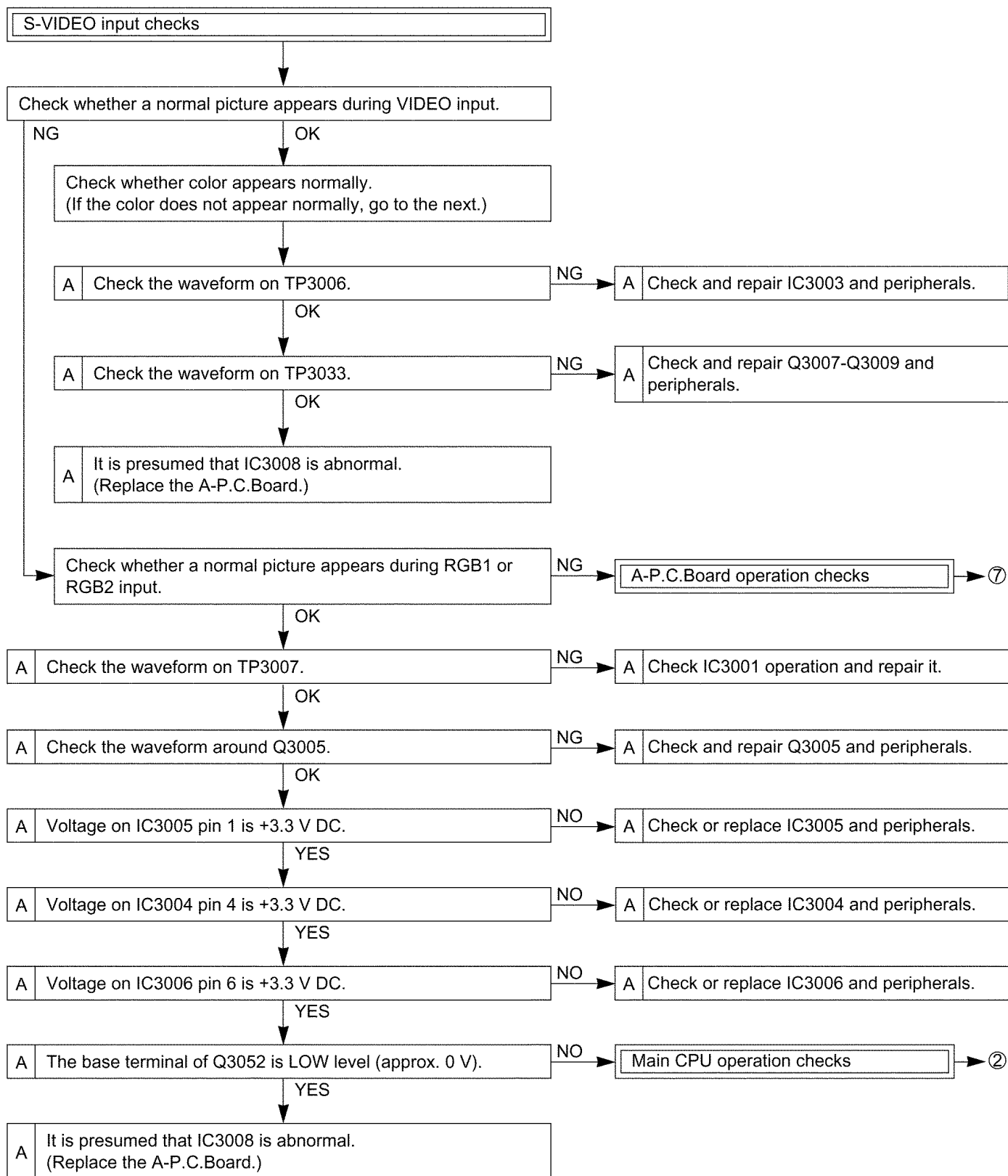


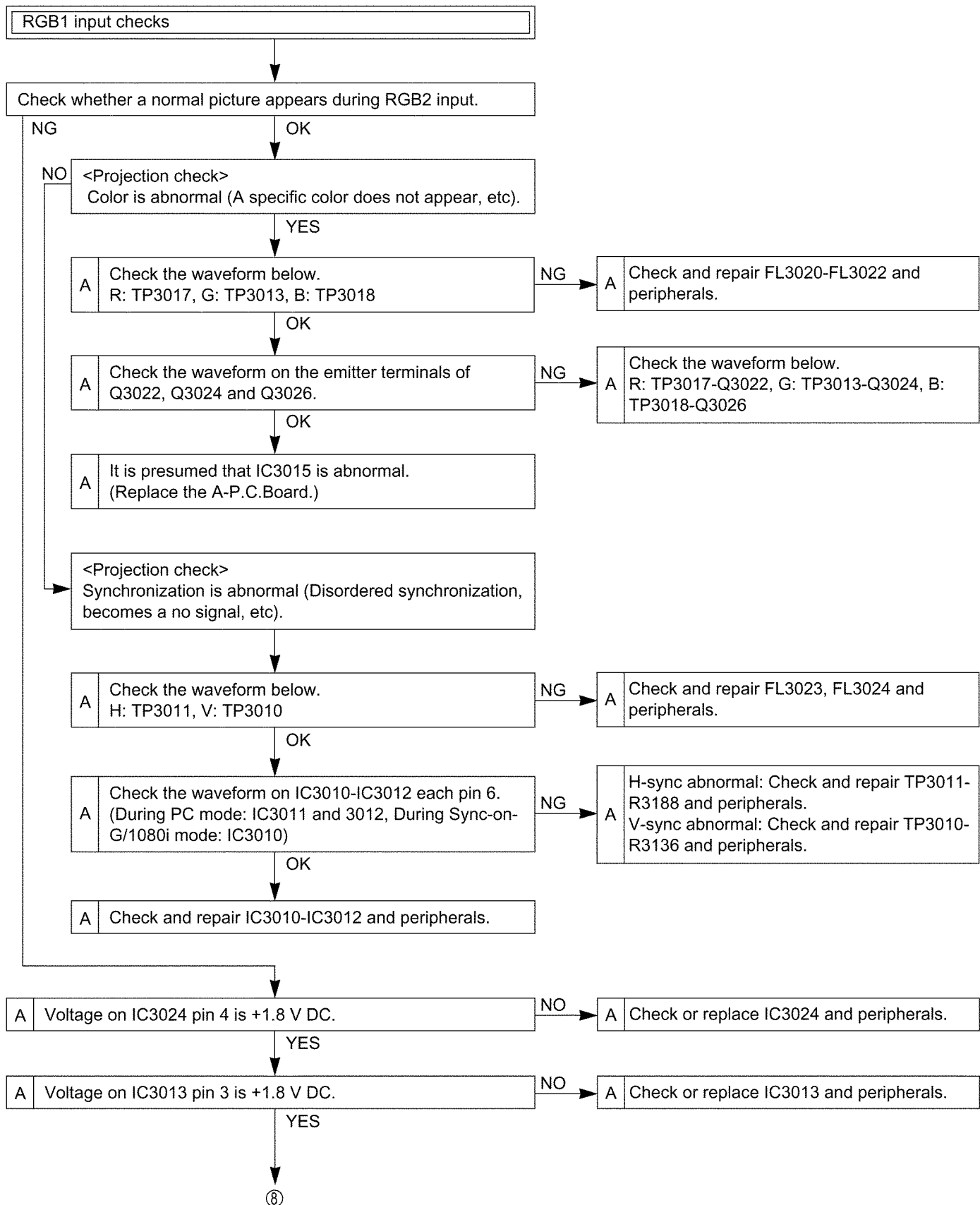


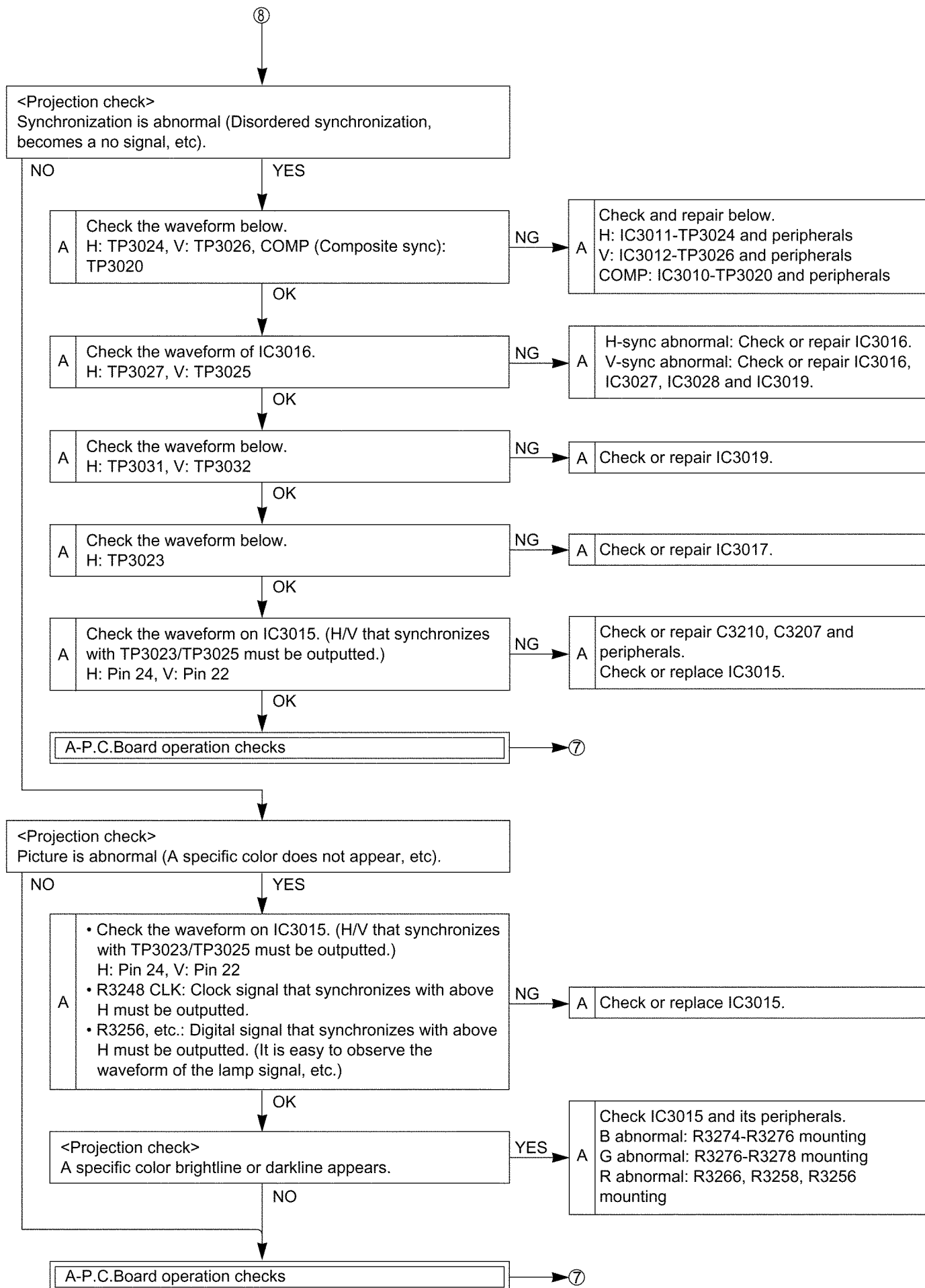


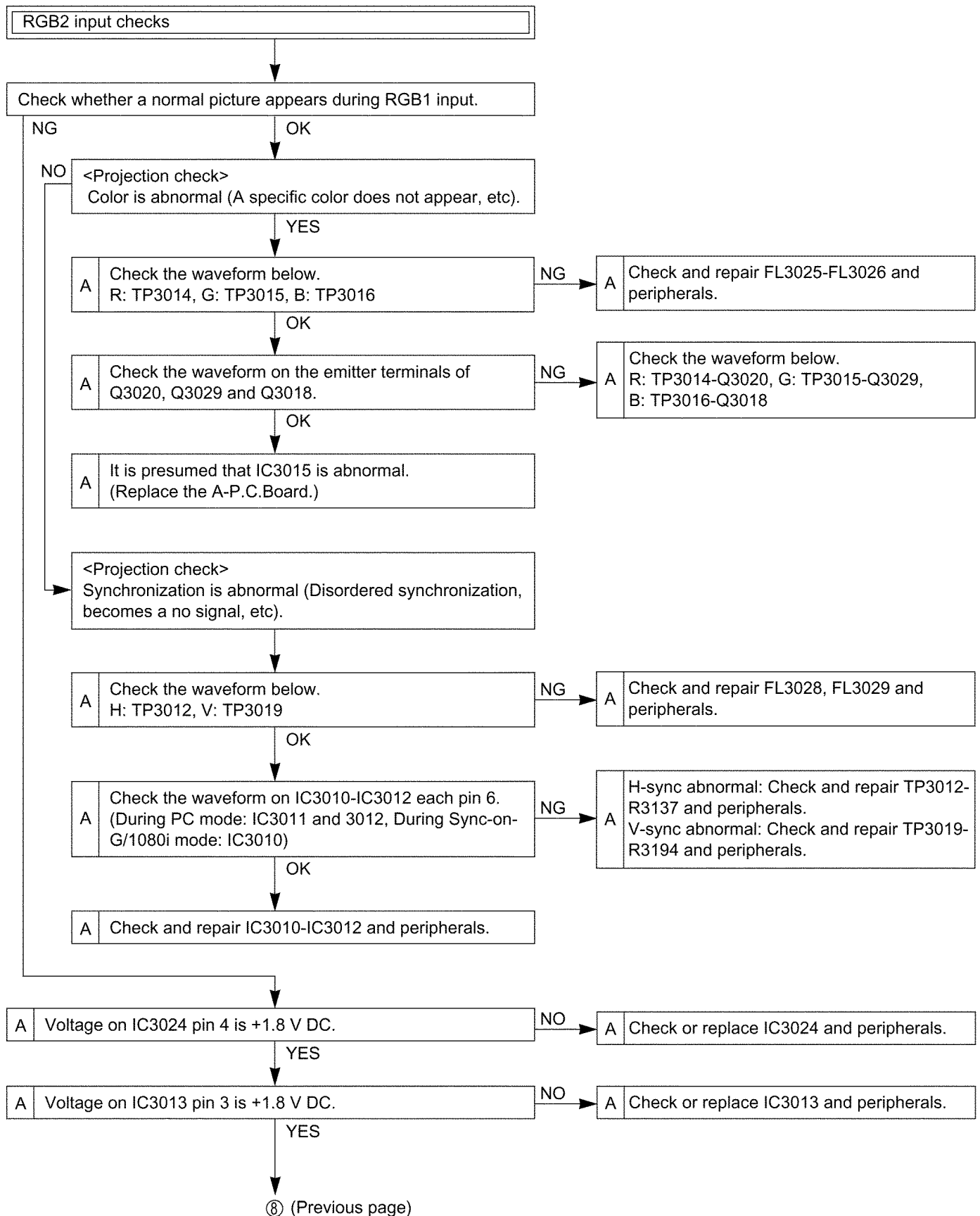


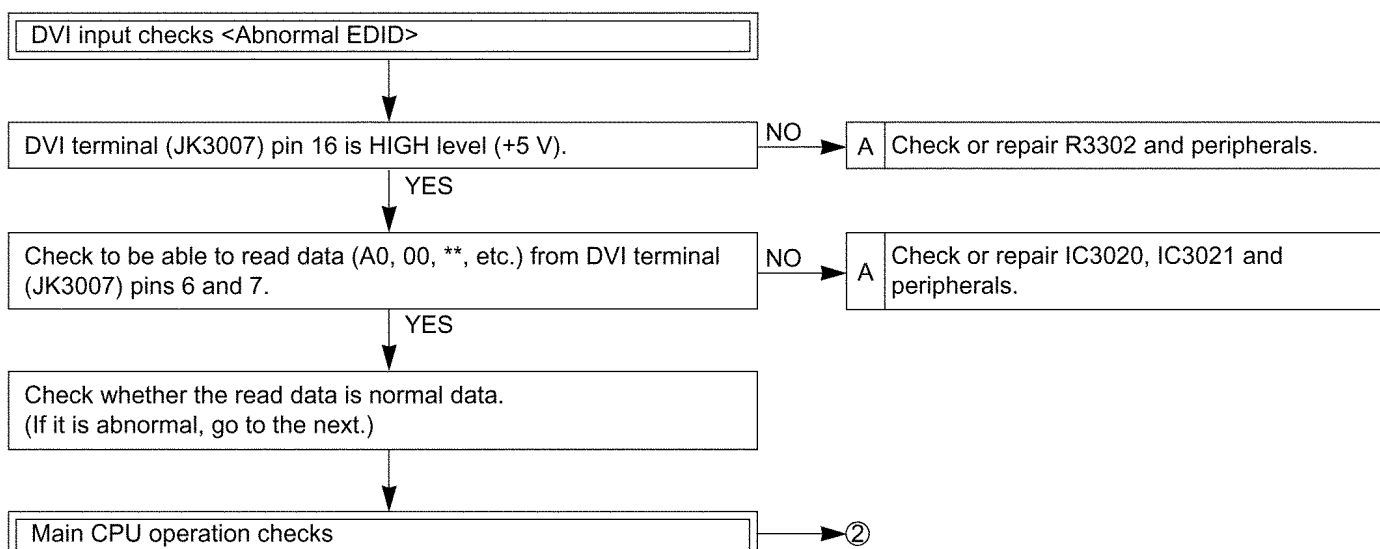
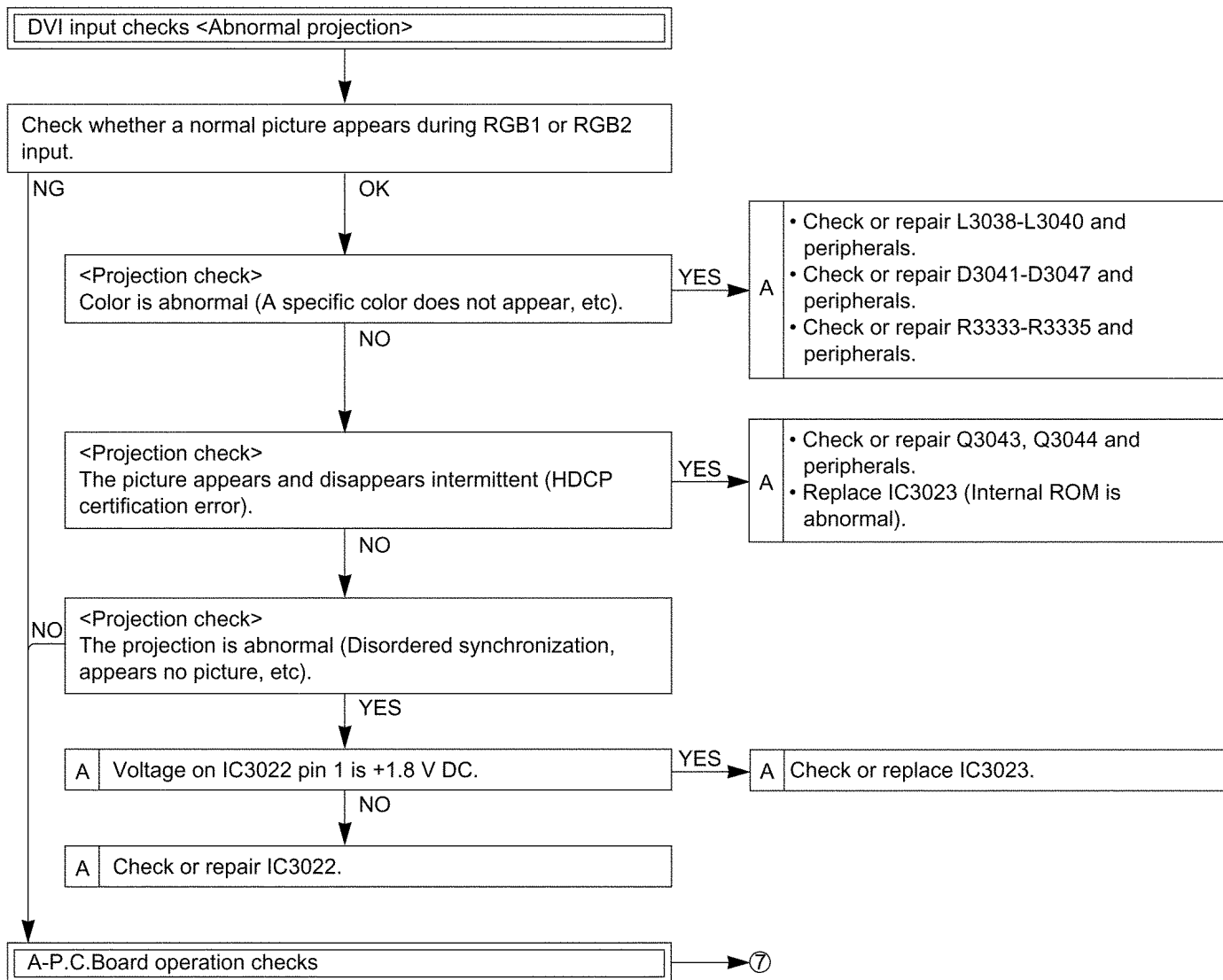


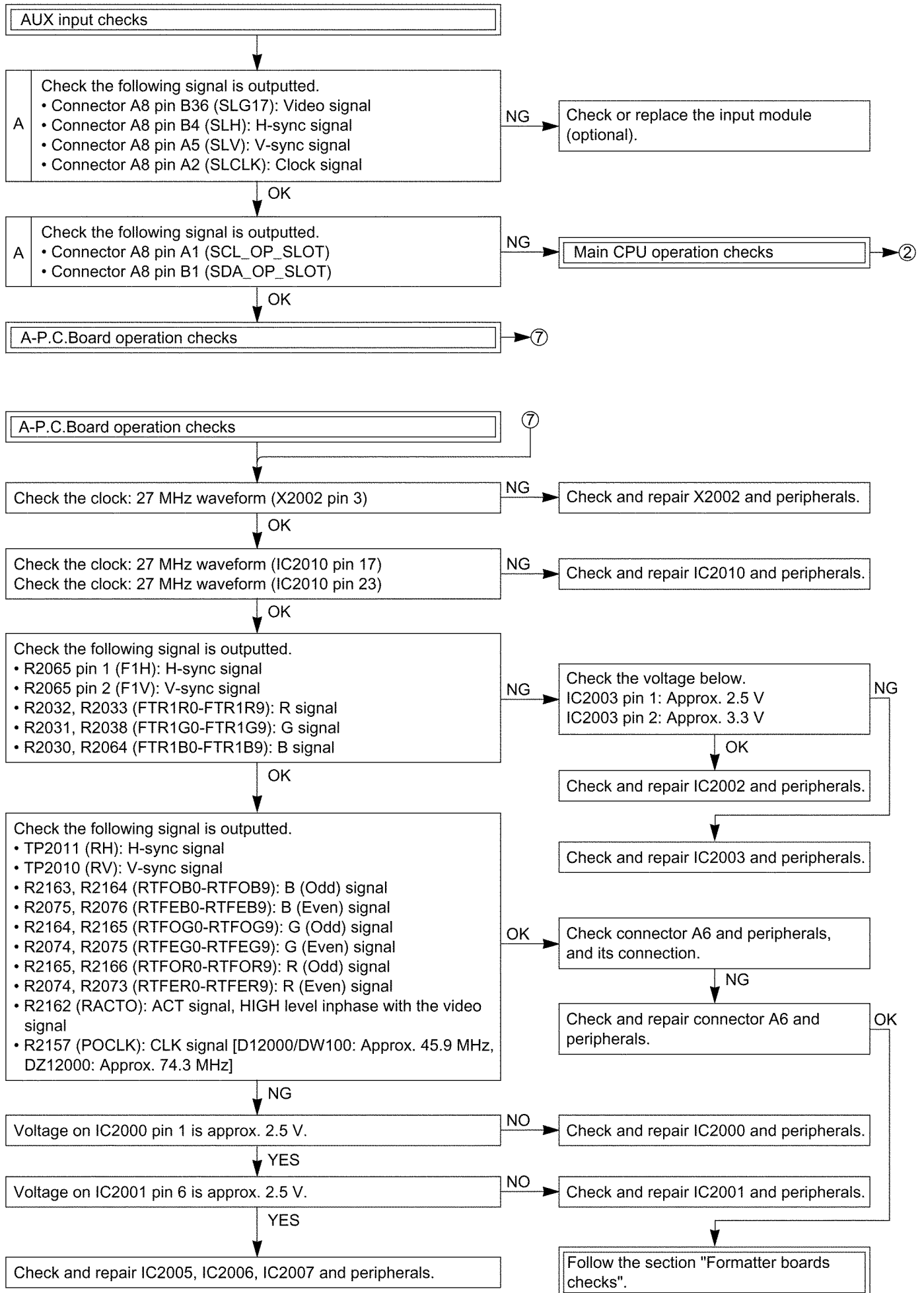








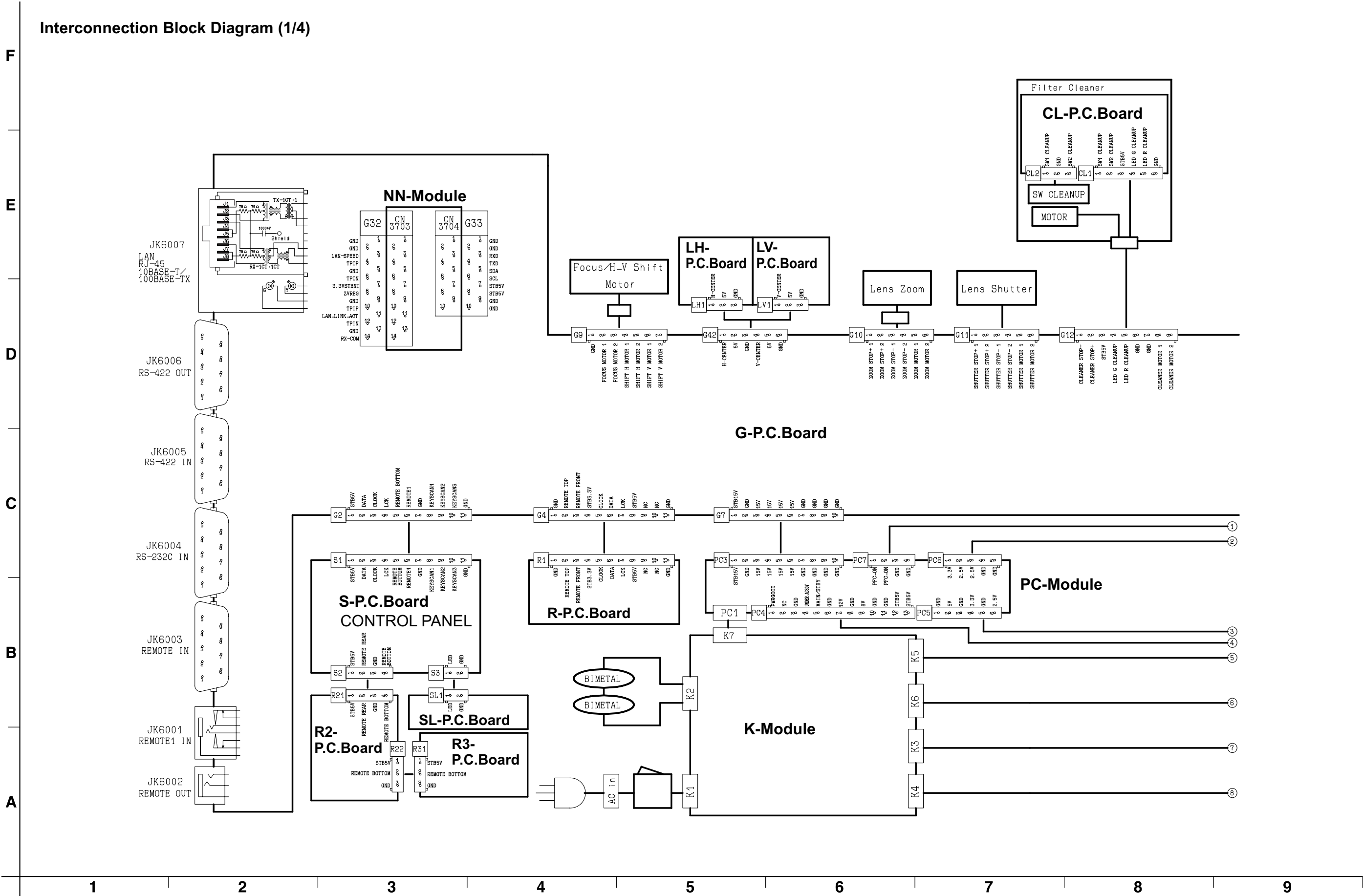




14 Interconnection Block Diagram

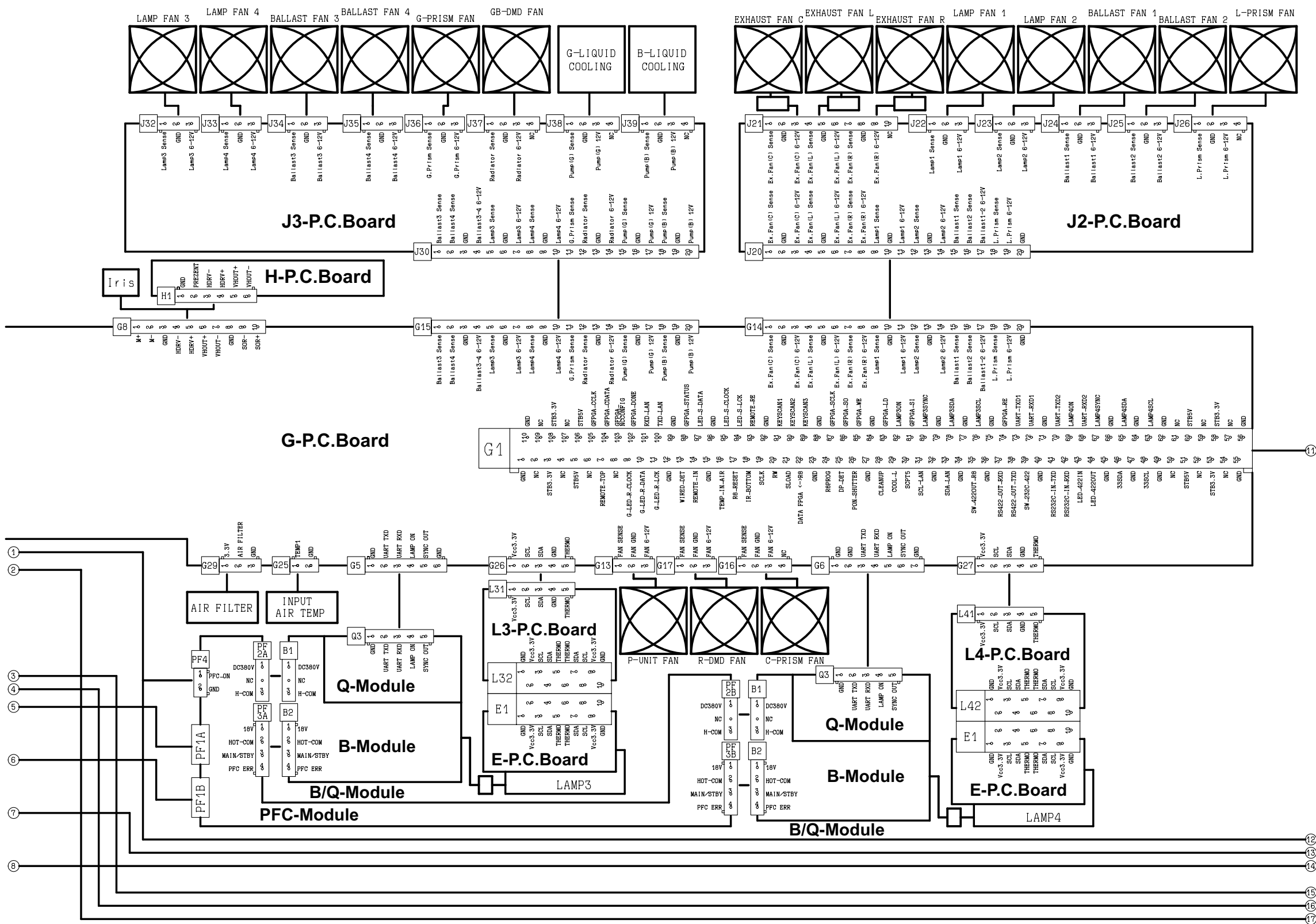
14.1. Interconnection Block Diagram (1/4)

Interconnection Block Diagram (1/4)



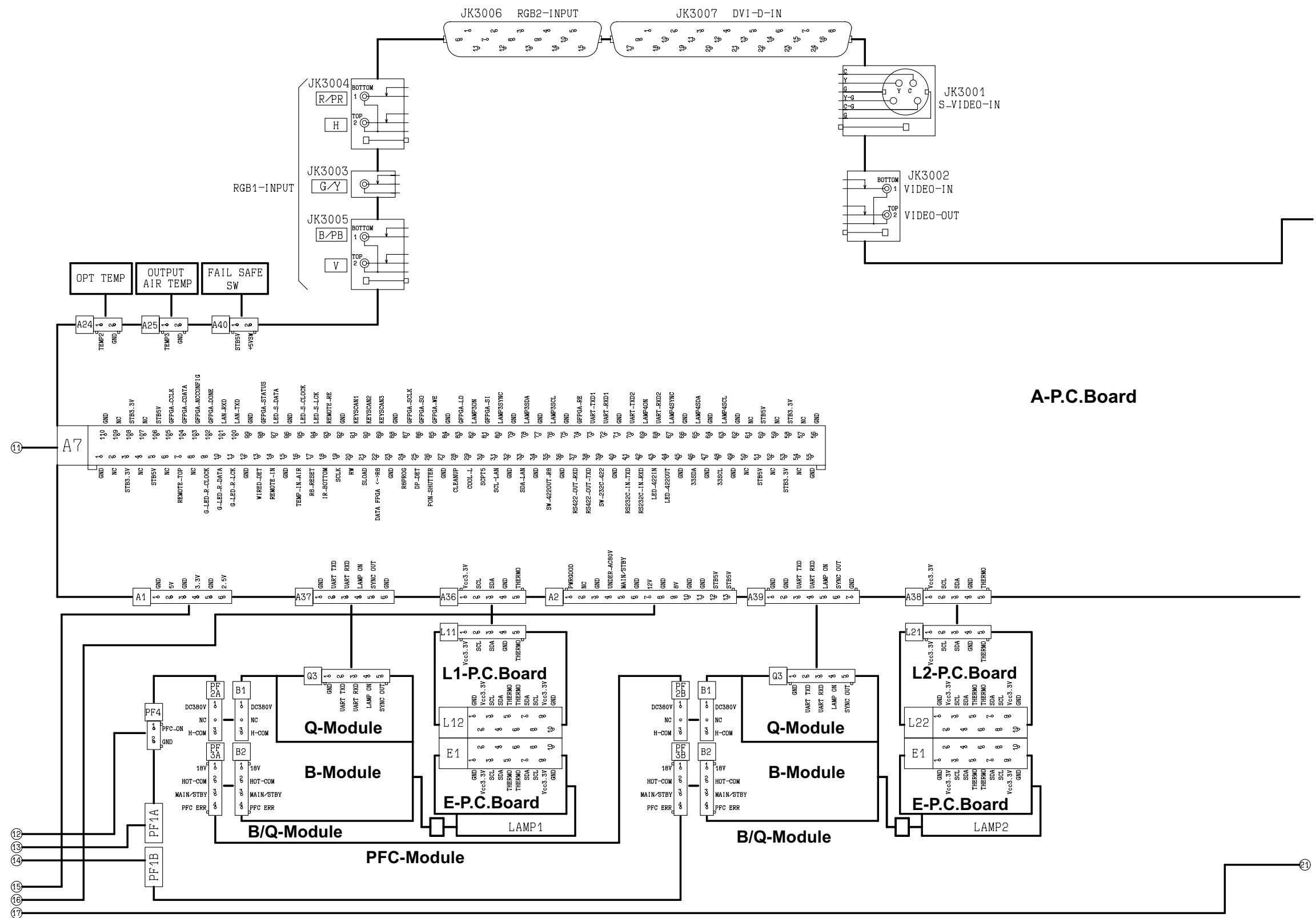
14.2. Interconnection Block Diagram (2/4)

Interconnection Block Diagram (2/4)



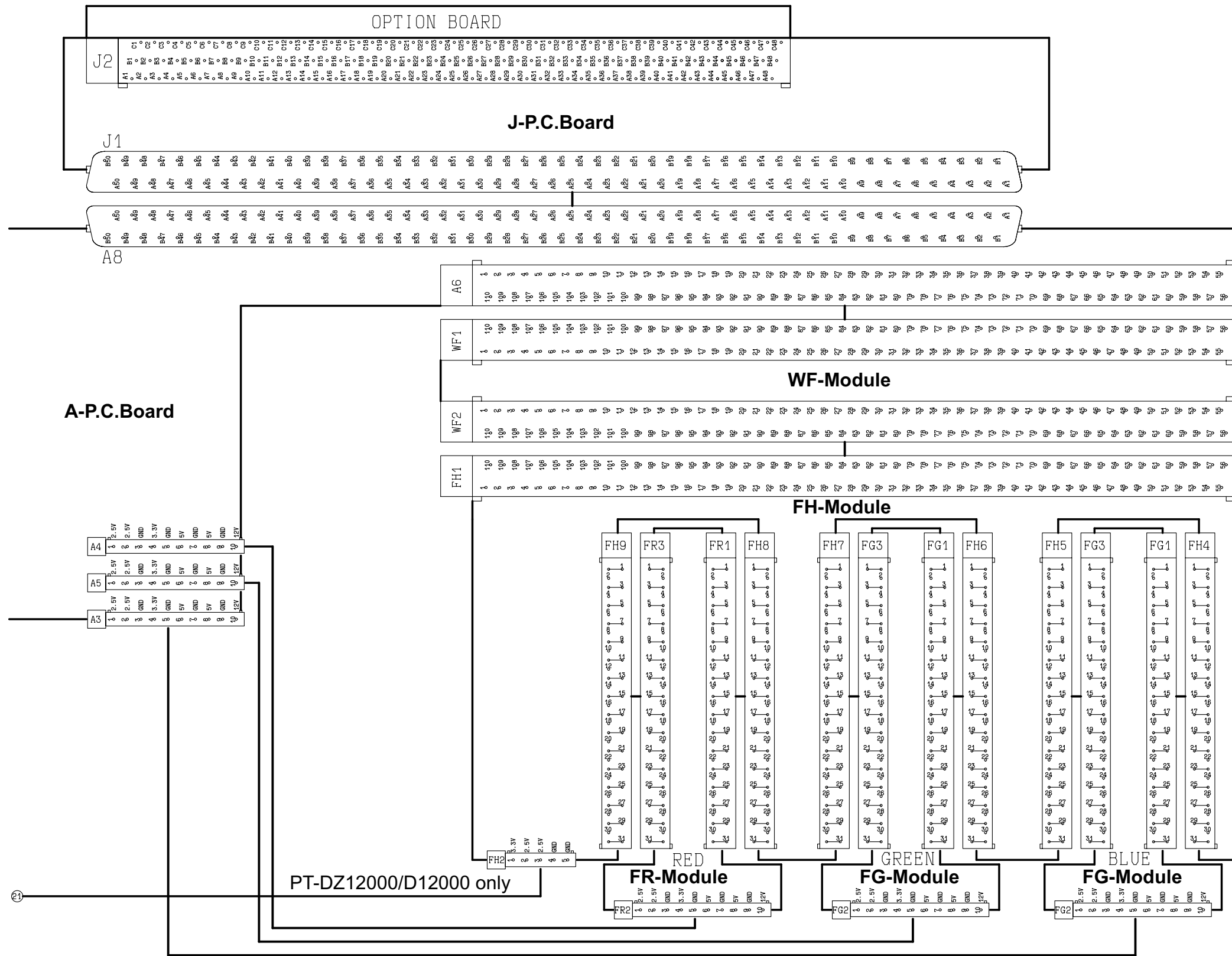
14.3. Interconnection Block Diagram (3/4)

Interconnection Block Diagram (3/4)



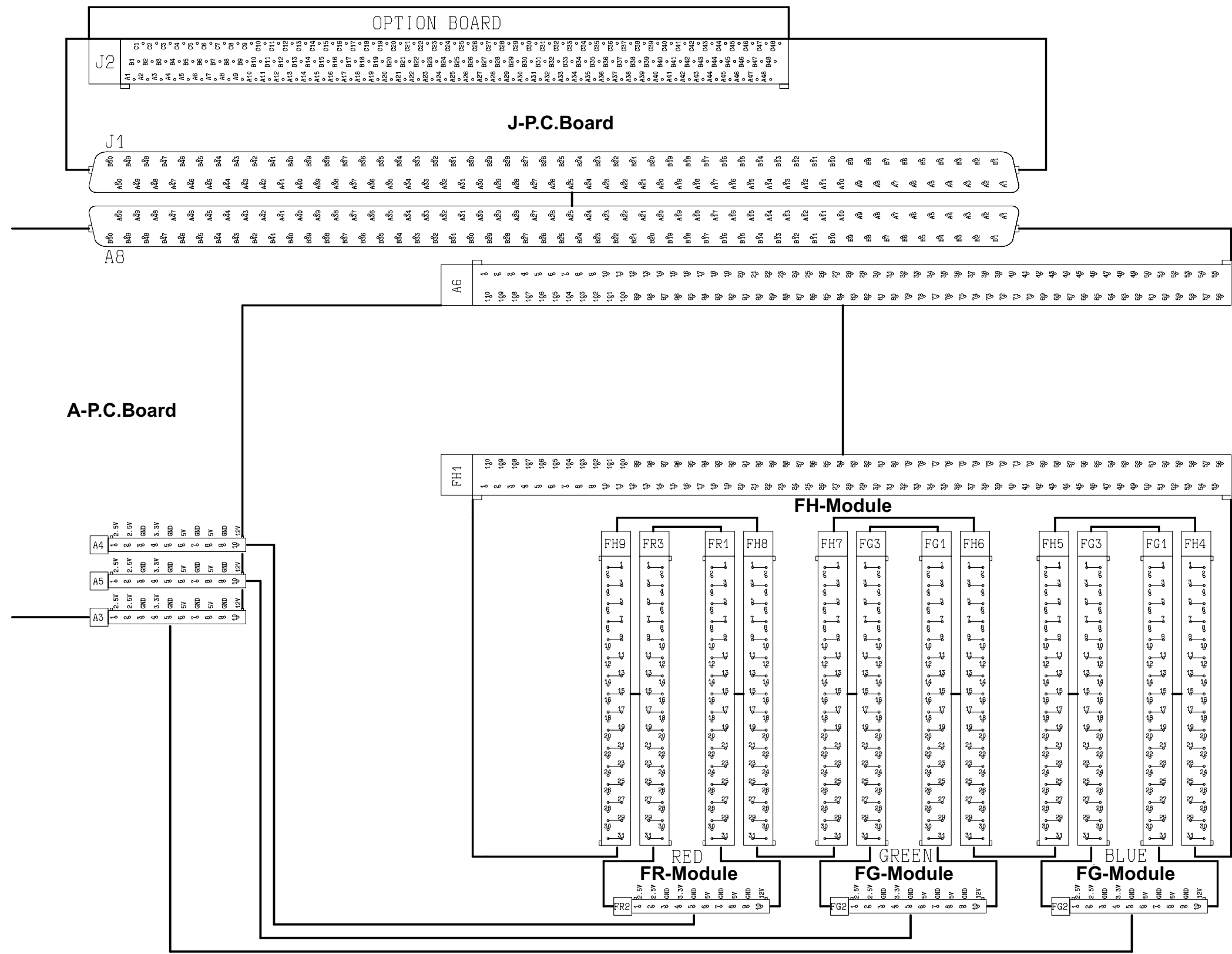
14.4. Interconnection Block Diagram (4/4) (PT-DZ12000*/D12000*)

Interconnection Block Diagram (4/4) (PT-DZ12000*/D12000*)



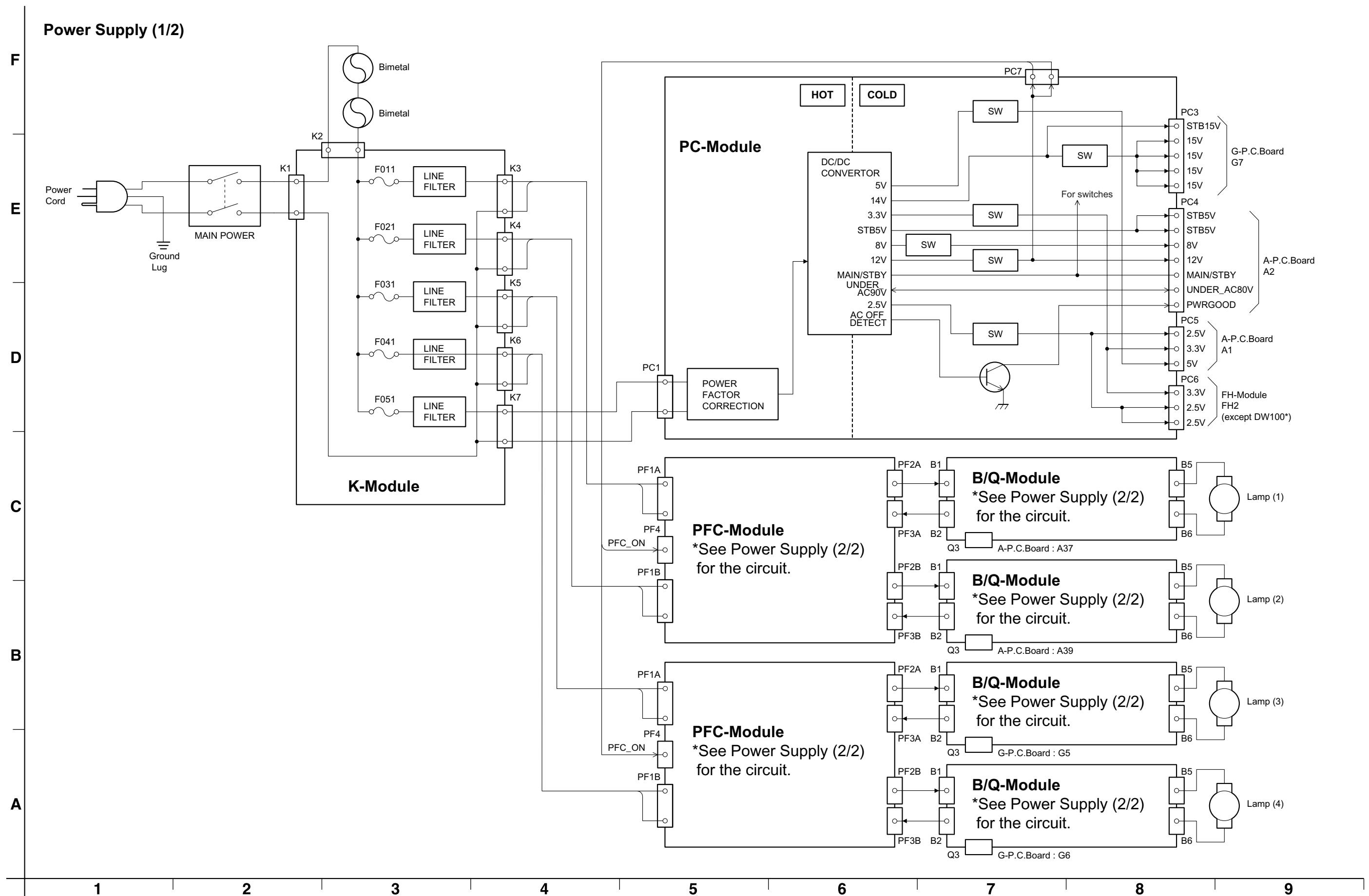
14.5. Interconnection Block Diagram (4/4) (PT-DW100*)

Interconnection Block Diagram (4/4) (PT-DW100*)

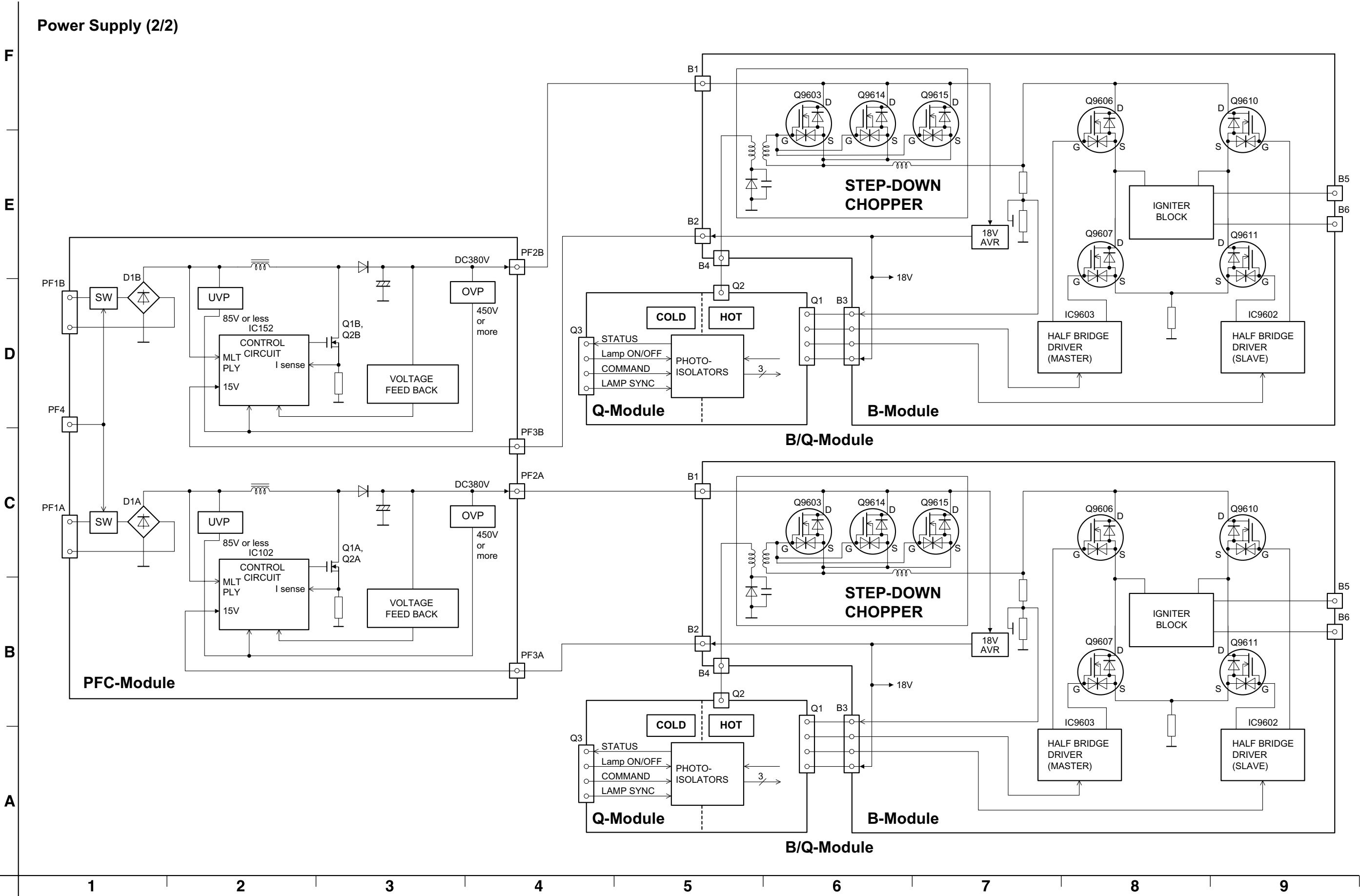


15 Block Diagram

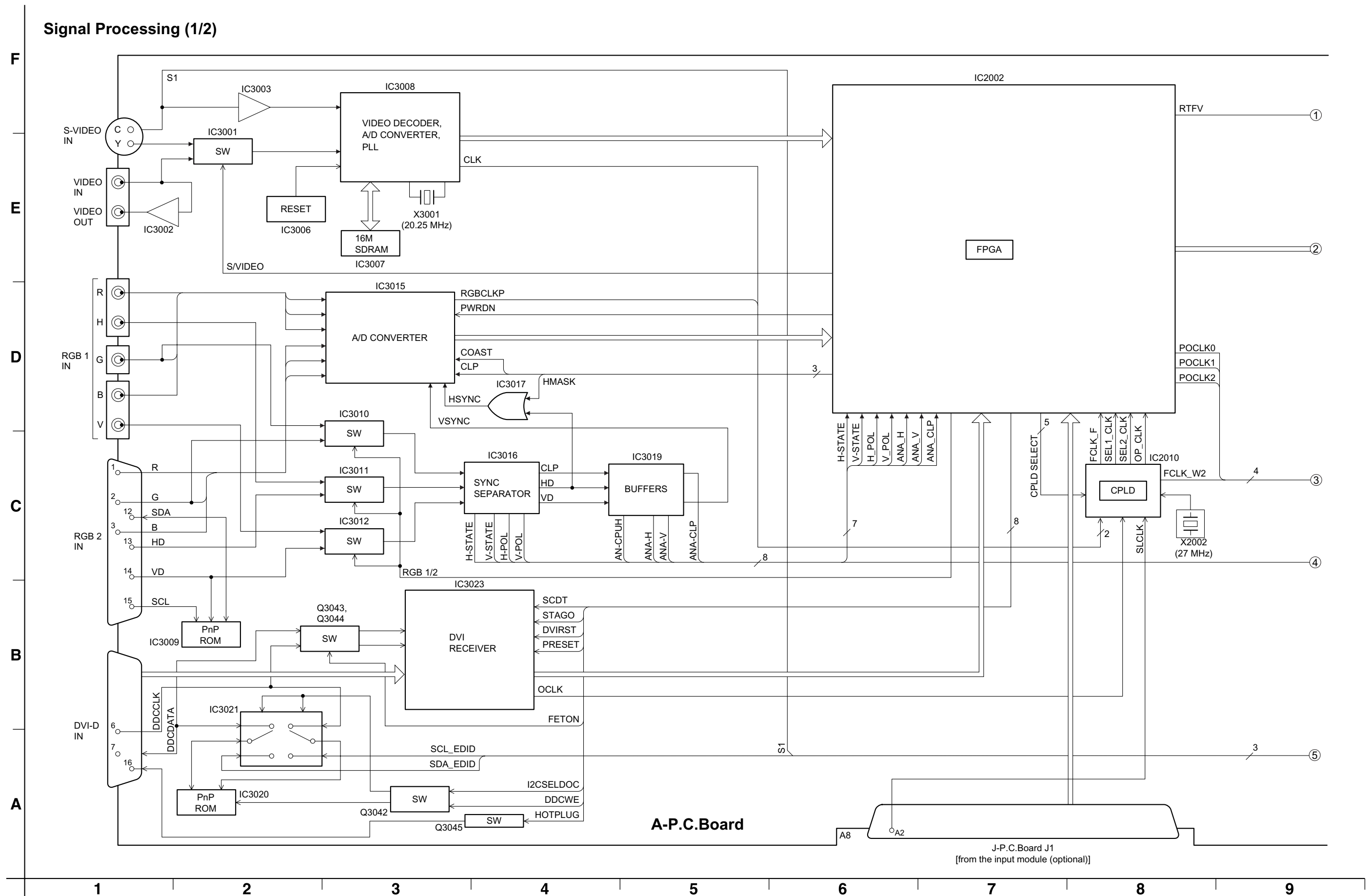
15.1. Power Supply (1/2)



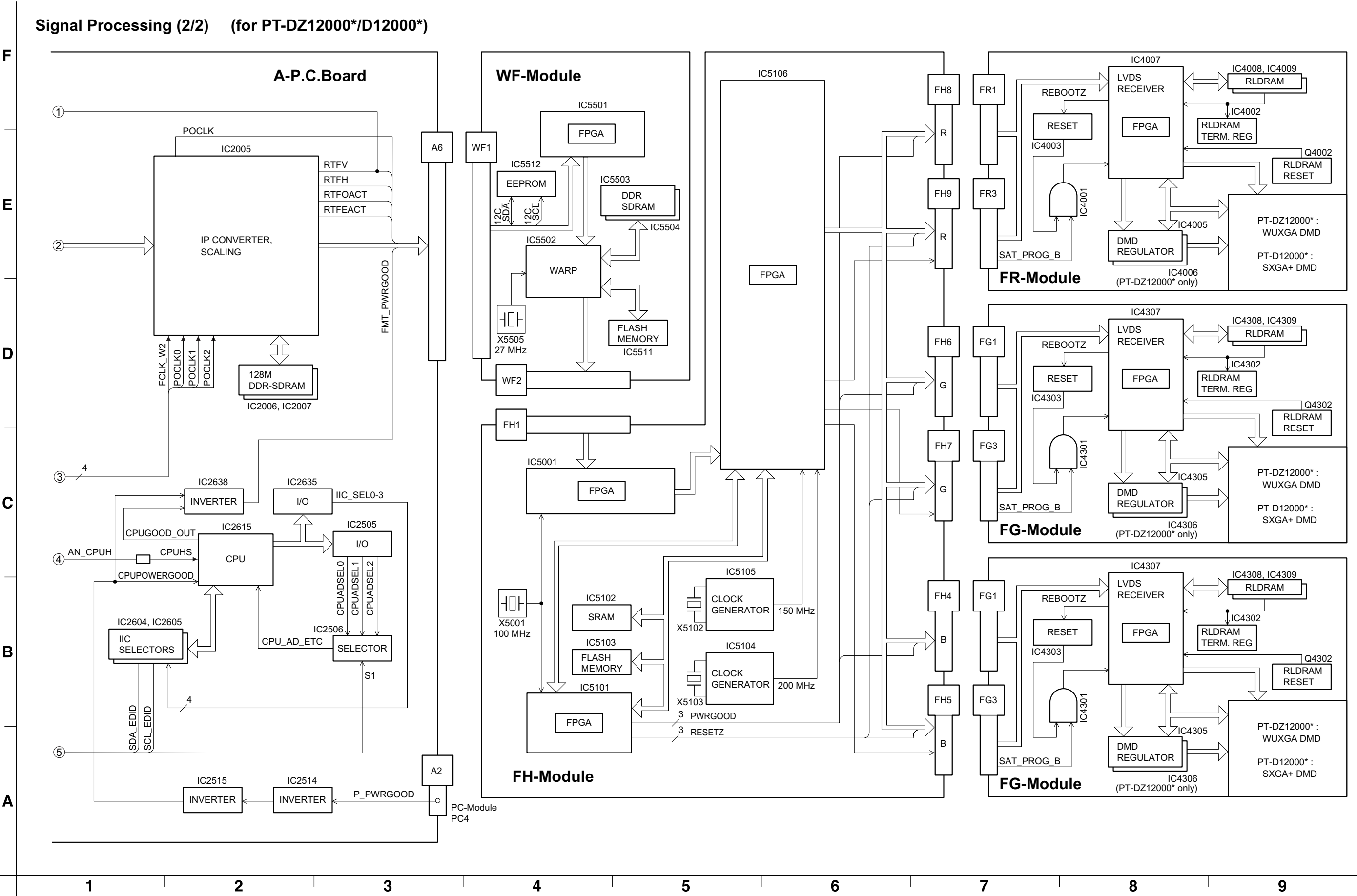
15.2. Power Supply (2/2)



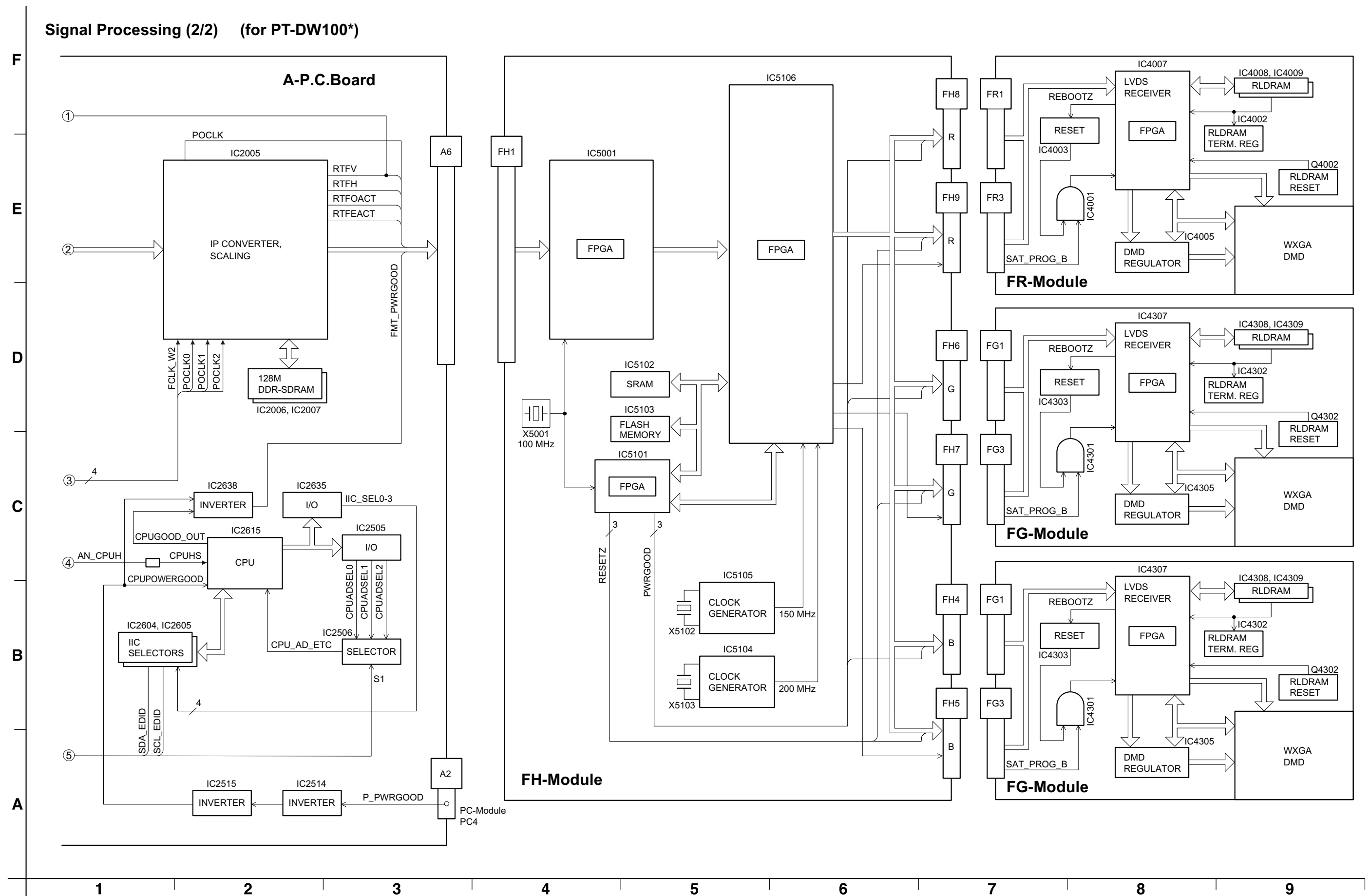
15.3. Signal Processing (1/2)



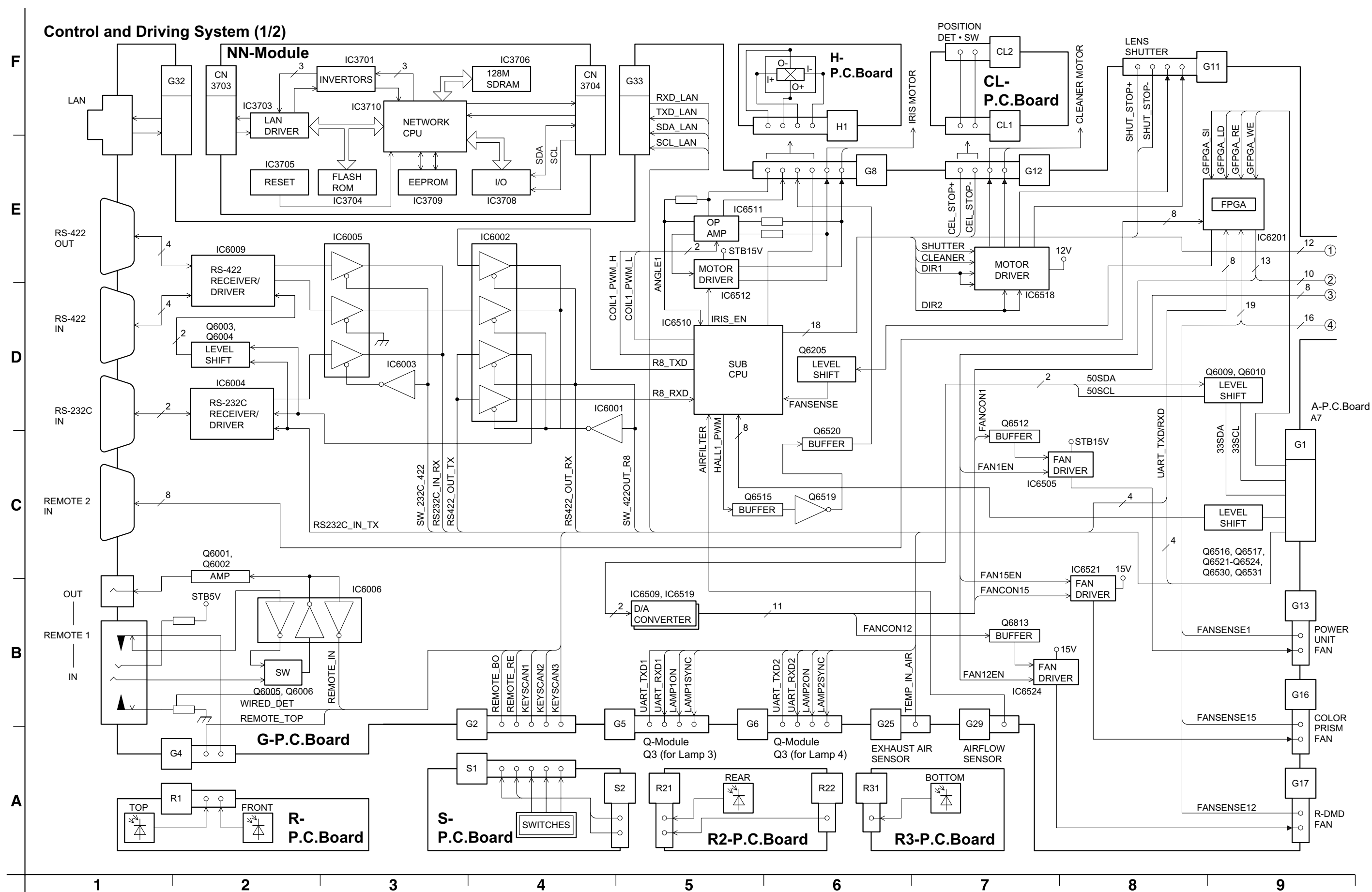
15.4. Signal Processing (2/2) (PT-DZ12000*/D12000*)



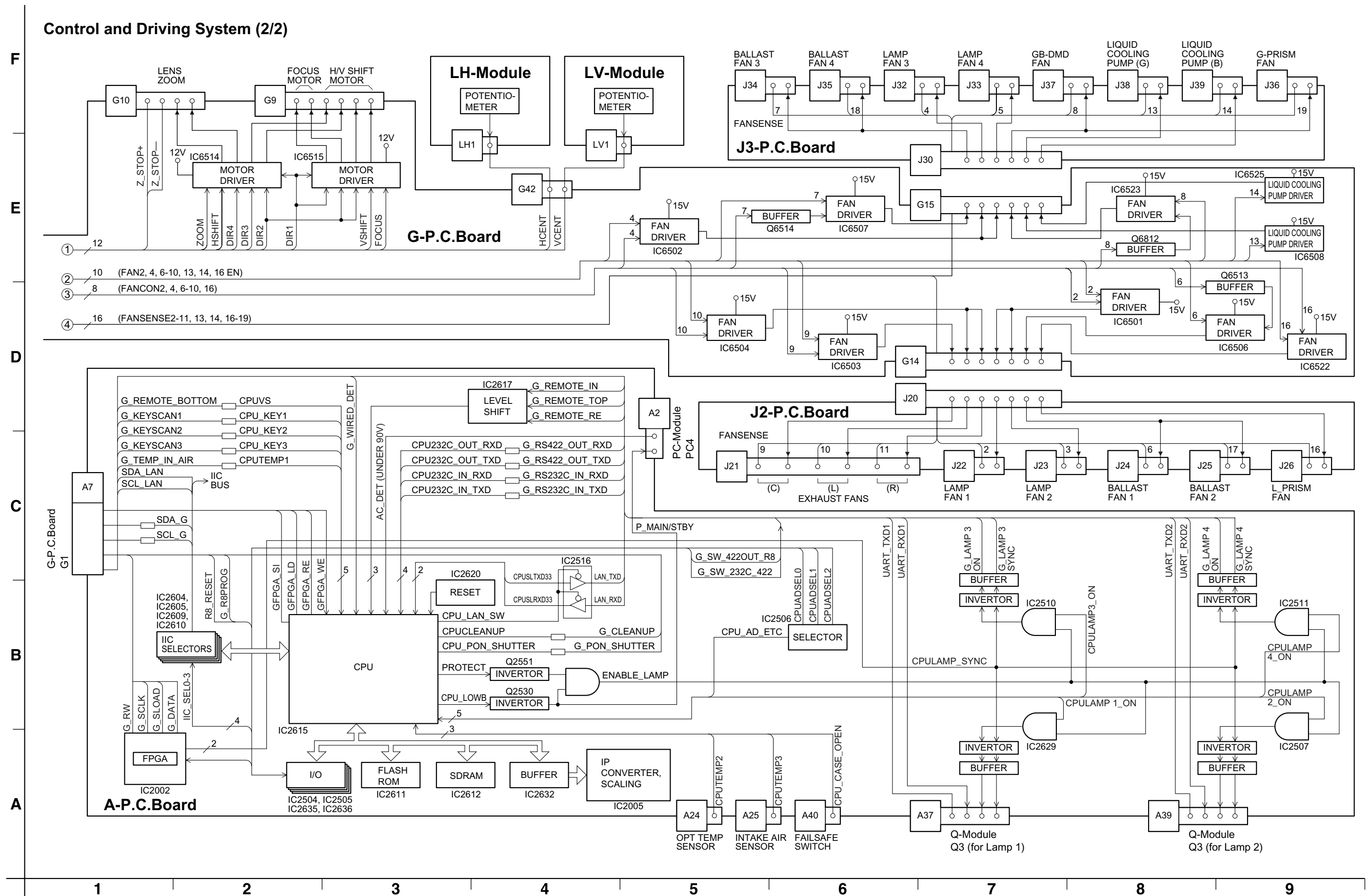
15.5. Signal Processing (2/2) (PT-DW100*)



15.6. Control and Driving System (1/2)




15.7. Control and Driving System (2/2)



16 Schematic Diagram

Important Safety Notice

Components identified by the international symbol  have special characteristics important for safety. When replacing any of these components, use only the manufacturer's specified ones.

Notes:

1. Resistor

All the resistors are carbon 1/4W resistors, unless marked as follows: The unit of resistance is an OHM [Ω] (K=1 000 M=1 000 000).

-  : Nonflammable
-  : Metal Oxide
-  : Solid
-  : Metal Film
-  : Wire Wound
-  : Fuse


2. Capacitor

-  : Temperature Compensation
-  : Electrolytic
-  : Polyester
-  : Bipolar
-  : Metalized Polyester
-  : Dipped Tantalum
-  : Polypropylene
-  : Z-Type

3. Coil

The unit of inductance is a H, unless otherwise noted.




4. Test Point

-  : Test Point

5. Voltage Measurement

The voltage is measured by an electronic voltmeter receiving the colorbar signal when all the customer's controls are set to the standard condition.

6. Color code for the links between diagrams and circuit boards

From/To		To/From	Color code
Block diagram		Schematic diagram	Magenta
Schematic diagram		Schematic diagram	Green
Schematic diagram		Circuit boards	Yellow

7. HOT and COLD indications

The power circuit board contains a circuit area using a separate power supply to isolate the ground connection. The circuit is defined by HOT and COLD indications in the schematic diagram. Take the precautions below:

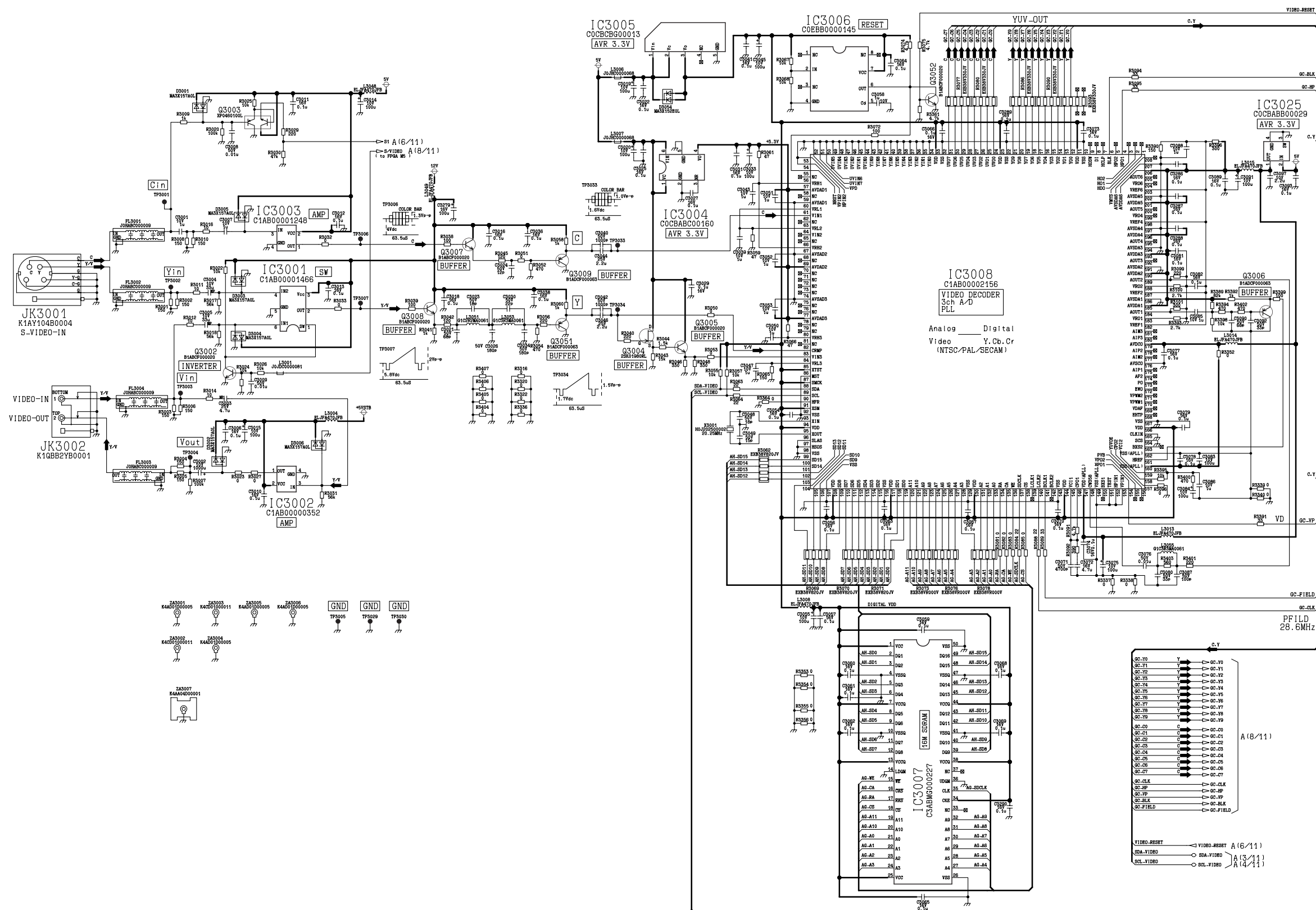
8. This schematic diagram is the latest at the time of printing and the subject to change without notice.

Precautions:

1. NEVER touch the HOT part or the HOT and COLD parts at the same time, or you may get an electric shock.
2. NEVER short-circuit the HOT and COLD circuits, or the fuse may blow and the parts may break.
3. NEVER connect an instrument such oscilloscope to the HOT and COLD circuit simultaneously, or the fuse may blow.Connect the ground of instruments to the ground of the circuit being measured.
4. MAKE SURE to unplug the power cord from the power outlet before removing the chassis.

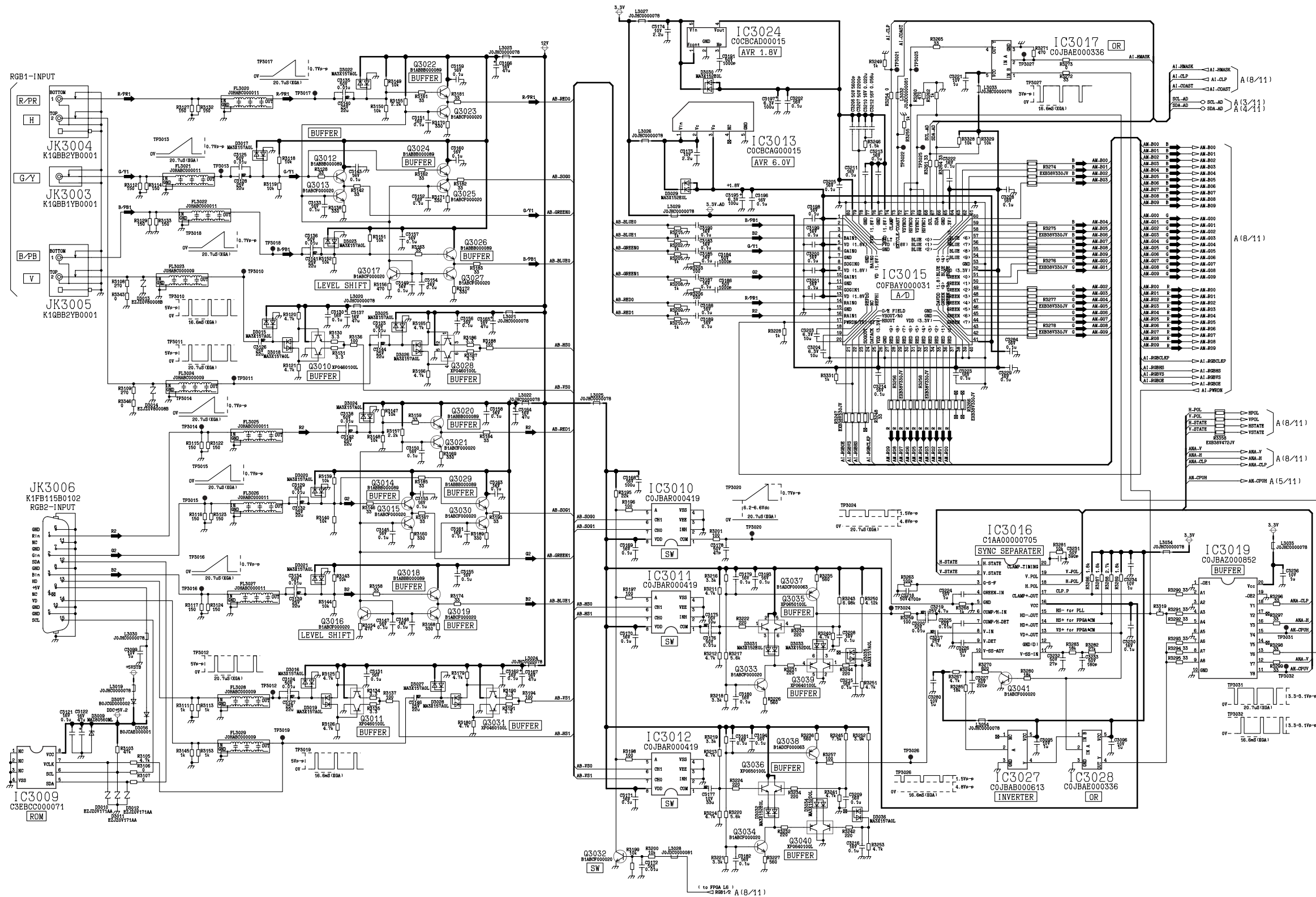
16.1. A-P.C.Board (1/11)

A-P.C.Board (1/11) TXN/A1VKH1 (PT-DZ12000*), TXN/A1VKH2 (PT-D12000*), TXN/A1VKH3 (PT-DW100*)

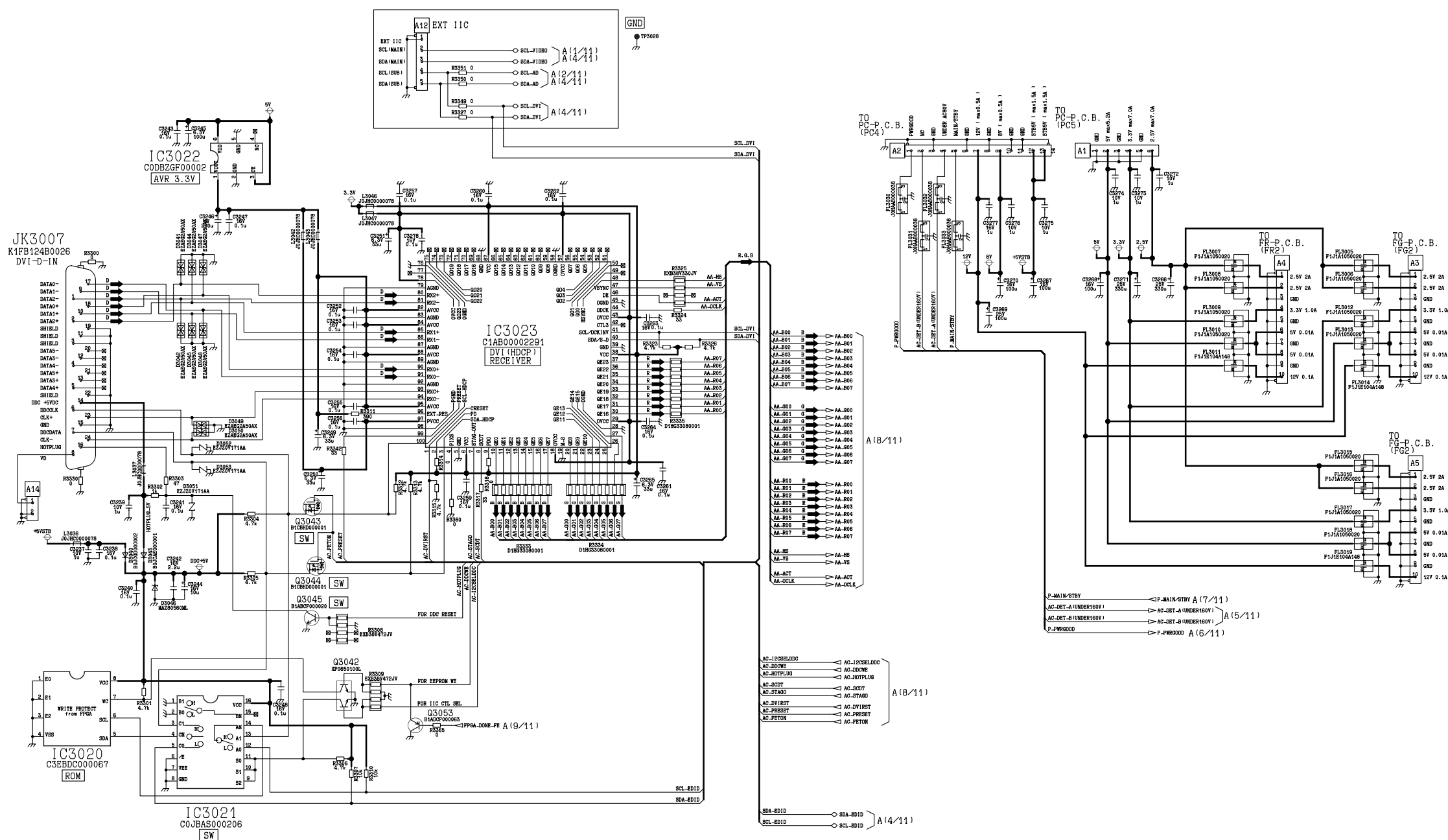


16.2. A-P.C.Board (2/11)

A-P.C.Board (2/11) TXN/A1VKH1 (PT-DZ12000*), TXN/A1VKH2 (PT-D12000*), TXN/A1VKH3 (PT-DW100*)

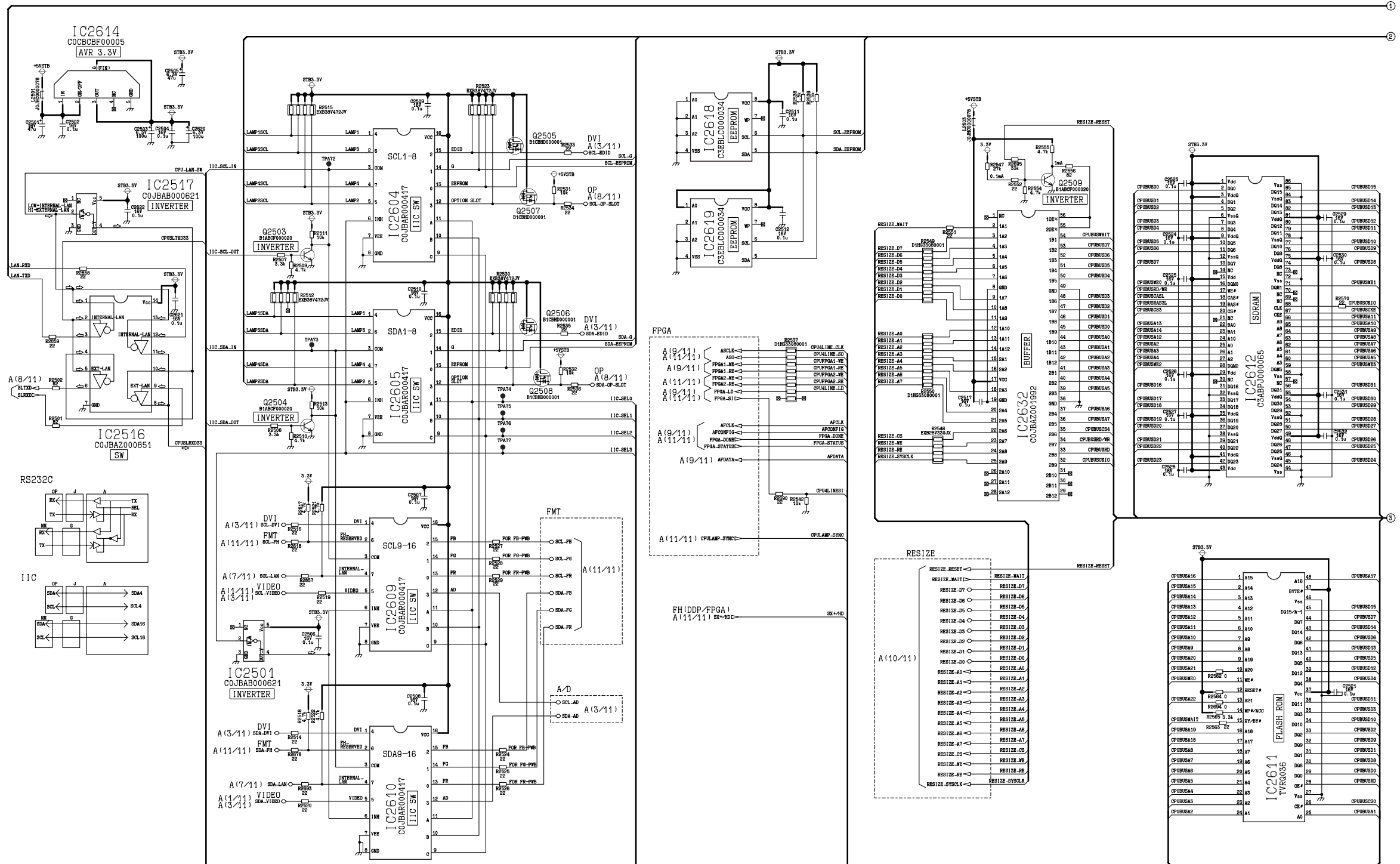


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16.4. A-P.C.Board (4/11)

A-P.C.Board (4/11) TXN/A1VKH1 (PT-DZ12000*), TXN/A1VKH2 (PT-D12000*), TXN/A1VKH3 (PT-DW100*)



F

D

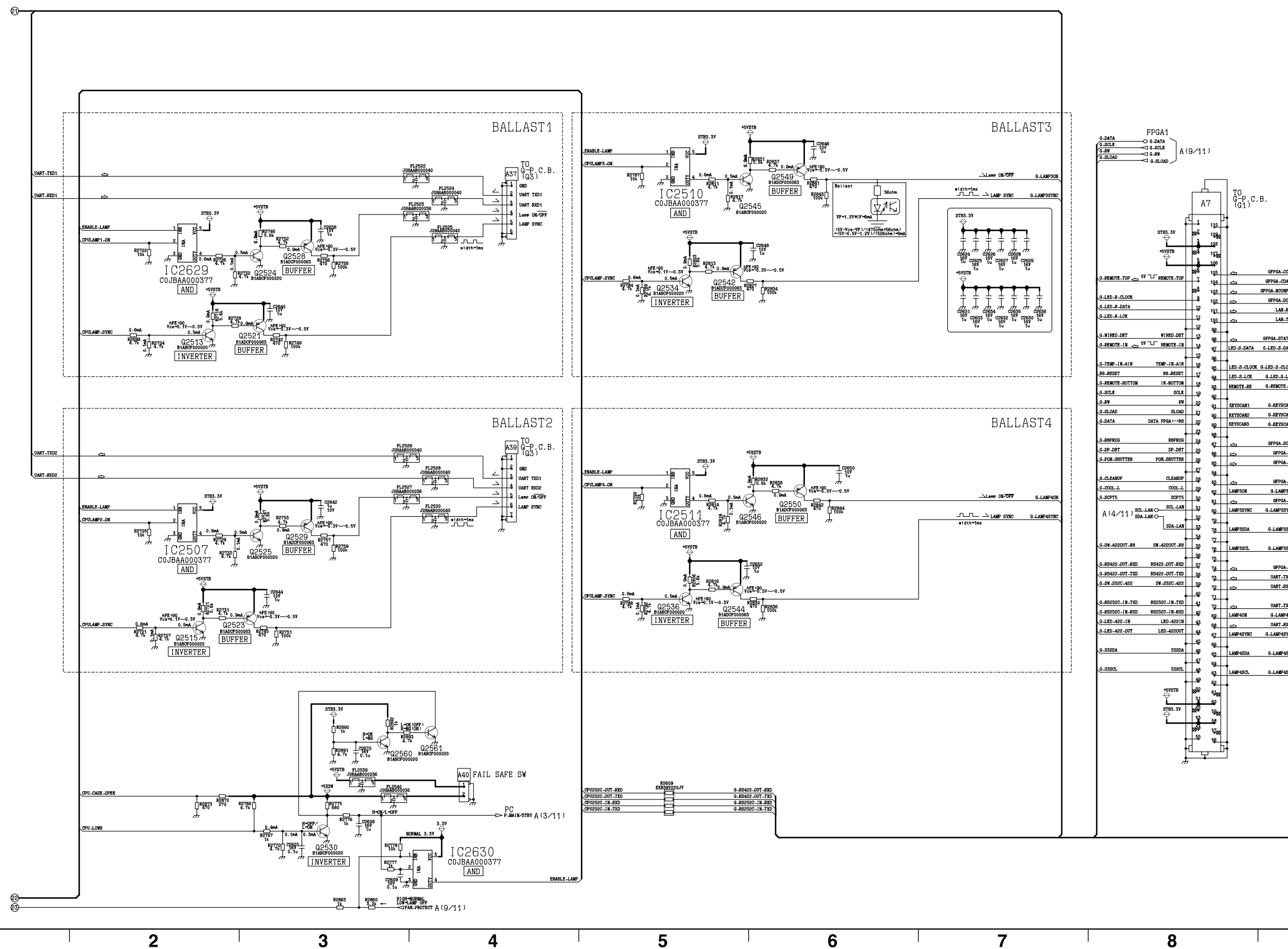
C

B

A

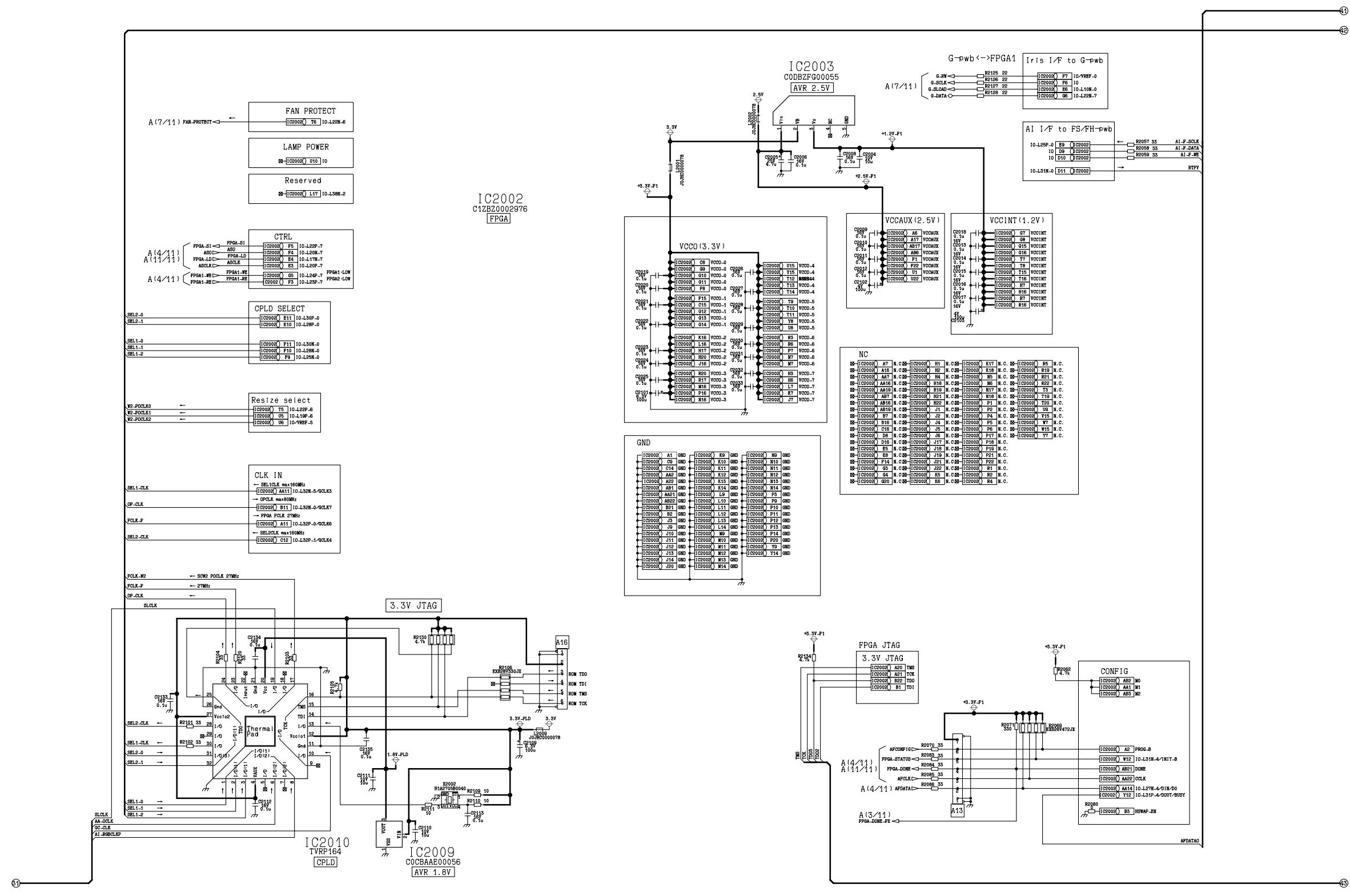
16.7. A-P.C.Board (7/11)

A-P.C.Board (7/11) TXN/A1VKH1 (PT-DZ12000*), TXN/A1VKH2 (PT-D12000*), TXN/A1VKH3 (PT-DW100*)



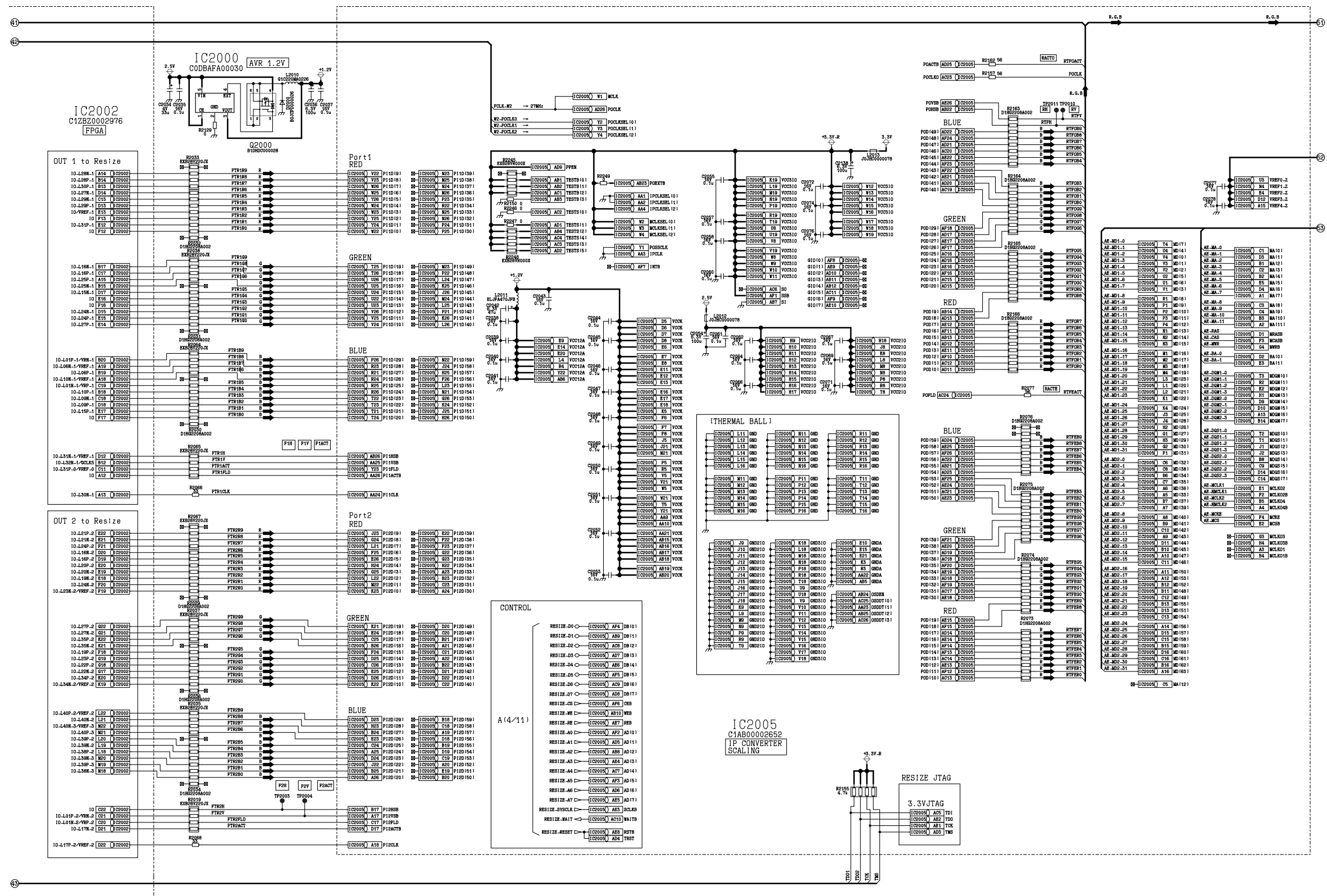
16.9. A-P.C.Board (9/11)

A-P.C.Board (9/11) TXN/A1VKH1 (PT-DZ12000*), TXN/A1VKH2 (PT-D12000*), TXN/A1VKH3 (PT-DW100*)



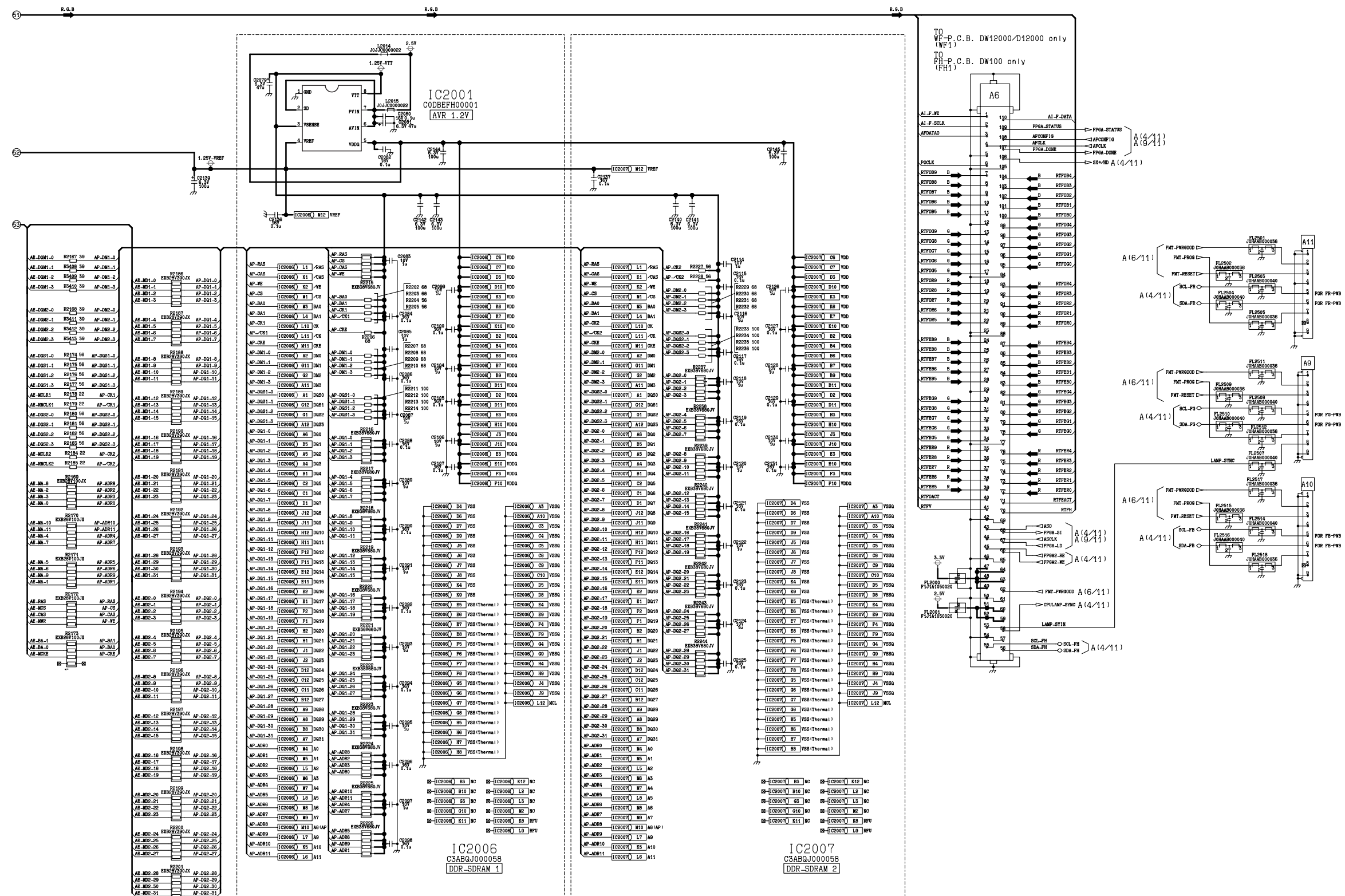
16.10. A-P.C.Board (10/11)

A-P.C.Board (10/11) TXN/A1VKH1 (PT-DZ12000*), TXN/A1VKH2 (PT-D12000*), TXN/A1VKH3 (PT-DW100*)



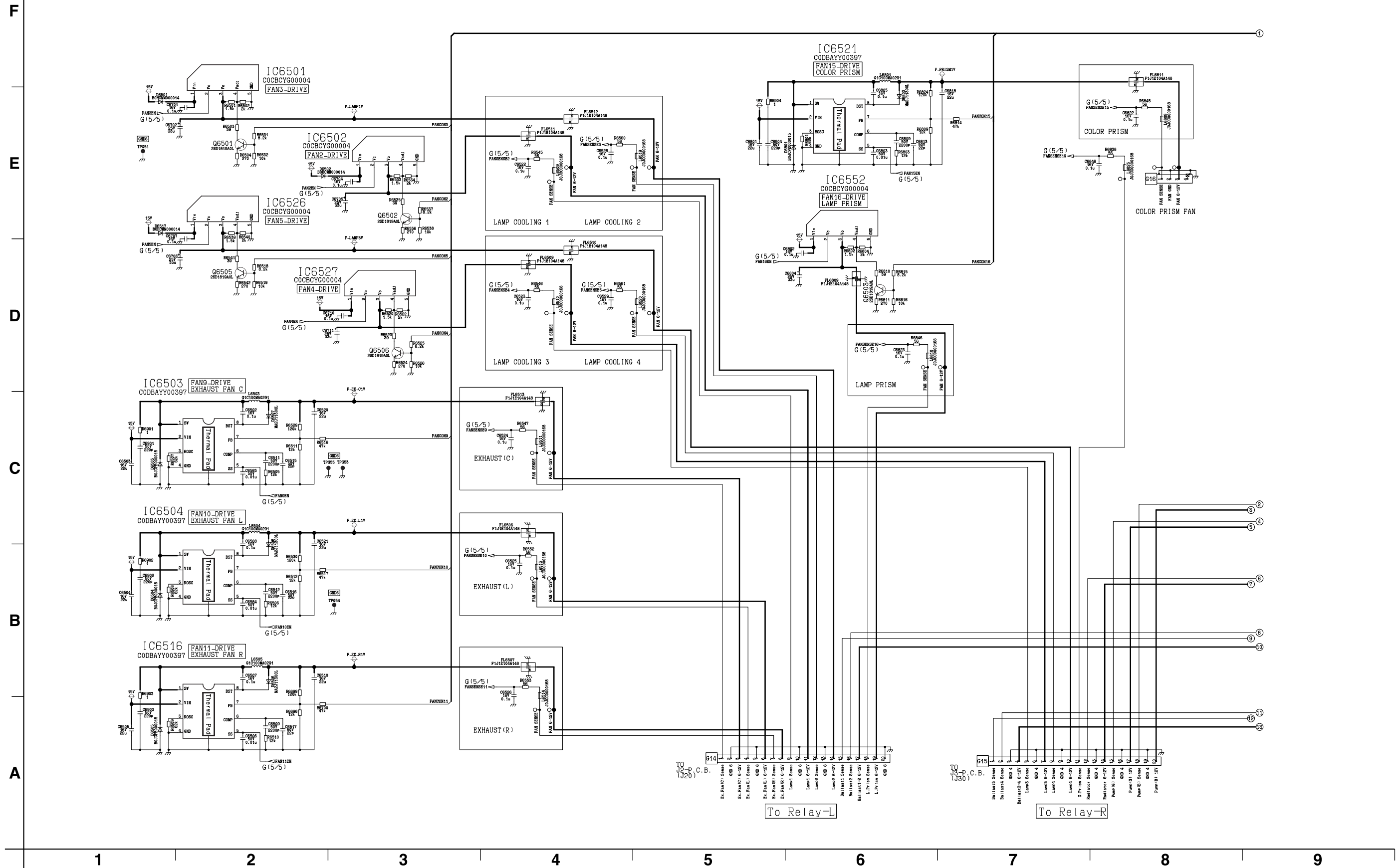
16.11. A-P.C.Board (11/11)

A-P.C.Board (11/11) TXN/A1VKH1 (PT-DZ12000*), TXN/A1VKH2 (PT-D12000*), TXN/A1VKH3 (PT-DW100*)



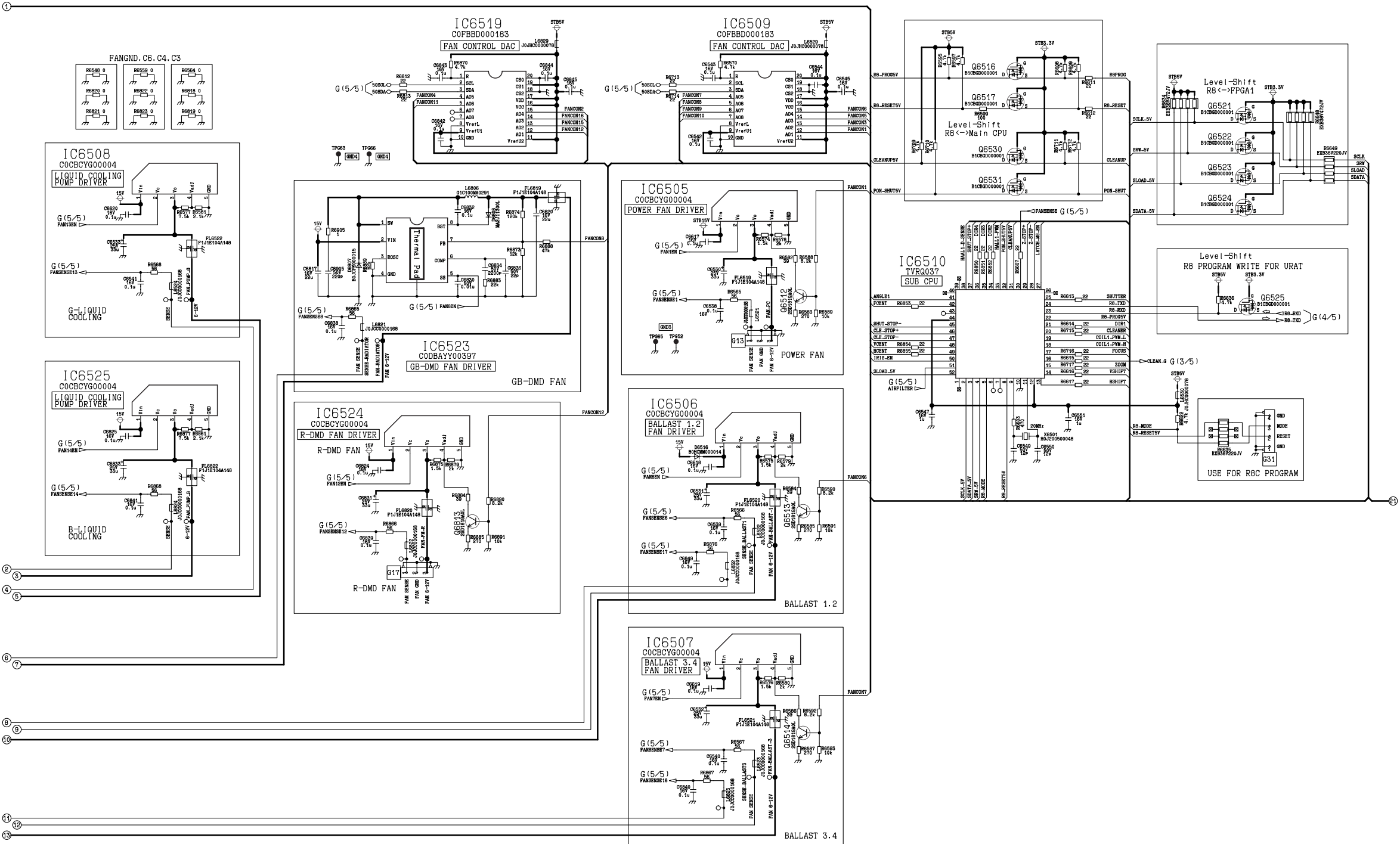
16.12. G-P.C.Board (1/5)

G-P.C.Board TNPA4574 (1/5)

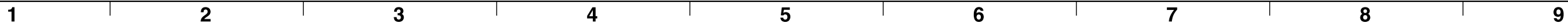


16.13. G-P.C.Board (2/5)

G-P.C.Board TNPA4574 (2/5)

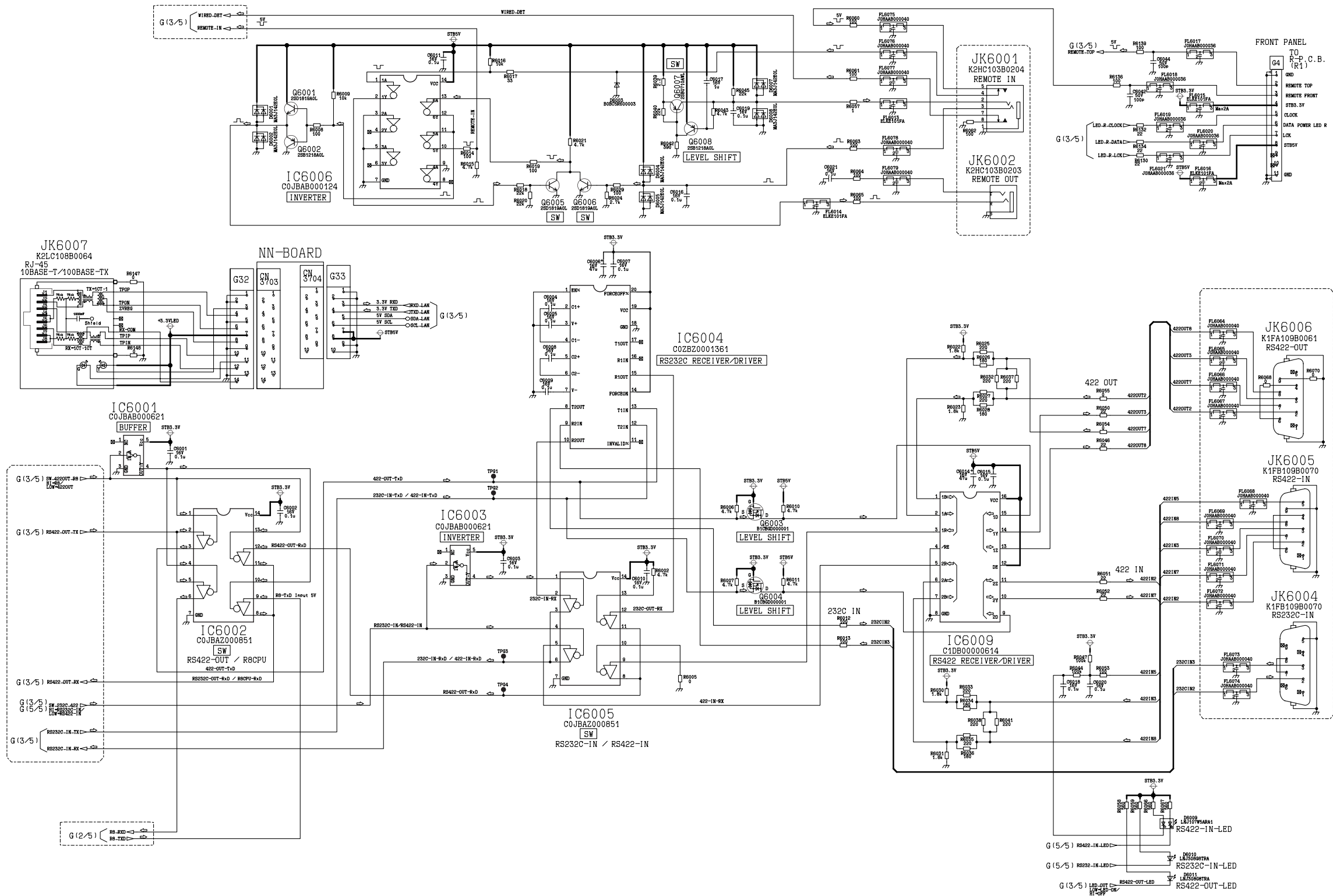


G-P.C.Board TNPA4574 (3/5)

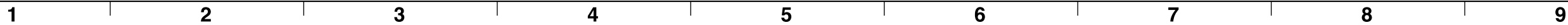


16.15. G-P.C.Board (4/5)

G-P.C.Board TNPA4574 (4/5)

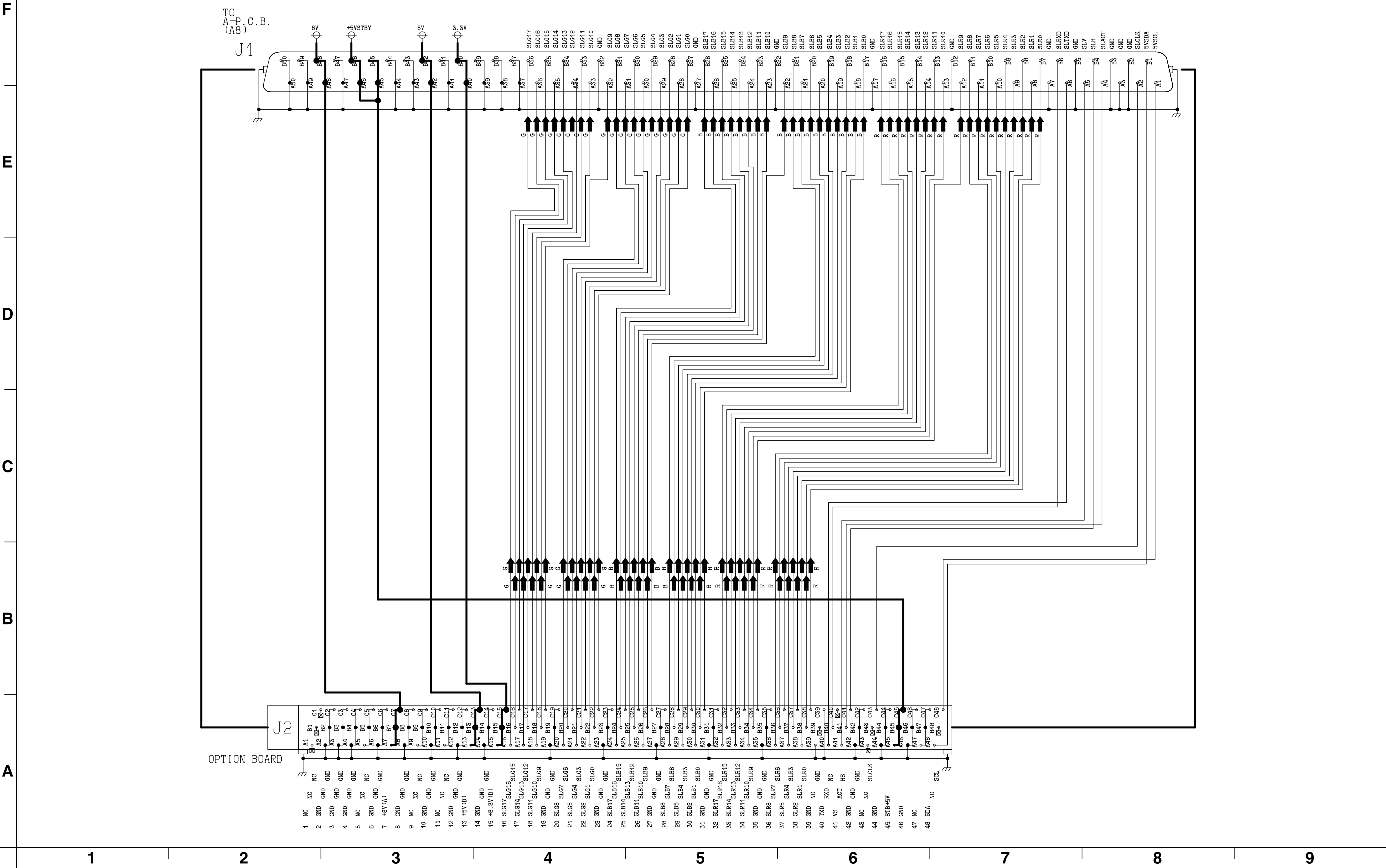


G-P.C.Board TNPA4574 (5/5)



16.17. J-P.C.Board

J-P.C.Board TNPA4582



16.18. J2/J3/L1/L2/L3/L4-P.C.Board

F

E

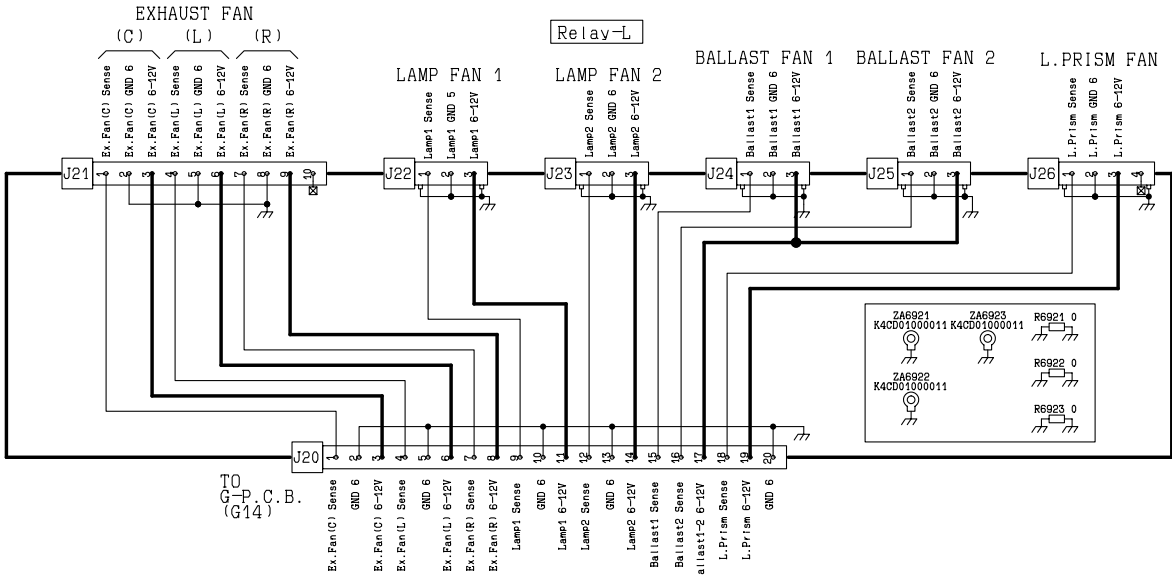
D

C

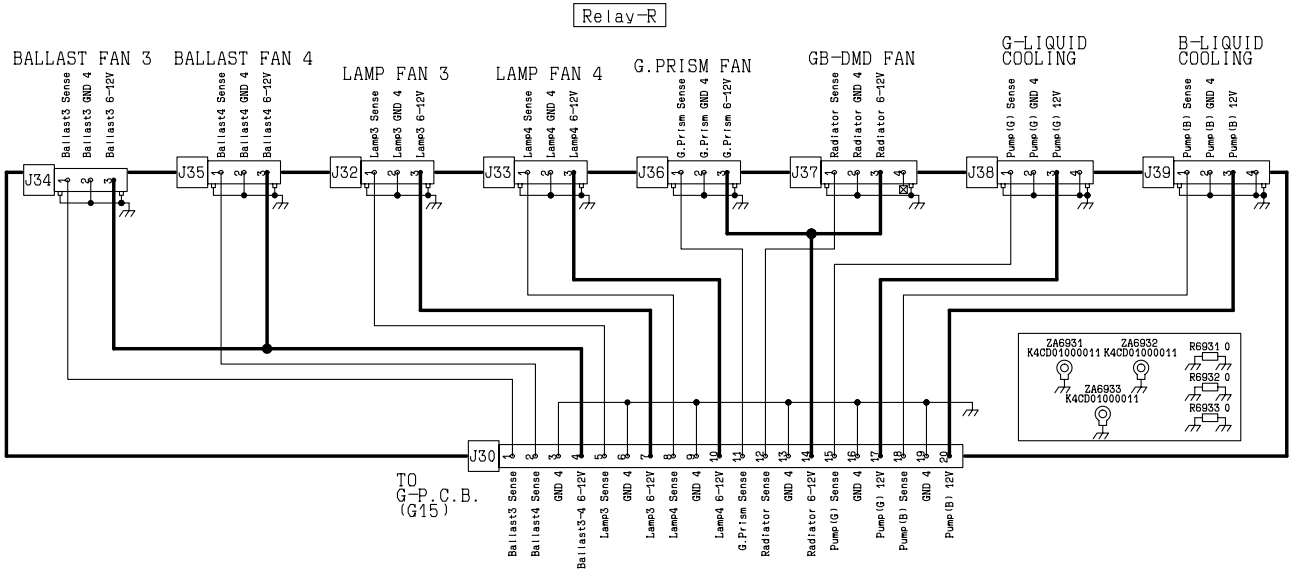
B

A

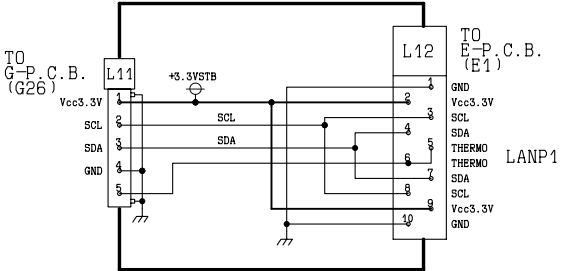
J2-P.C.Board TNPA4583



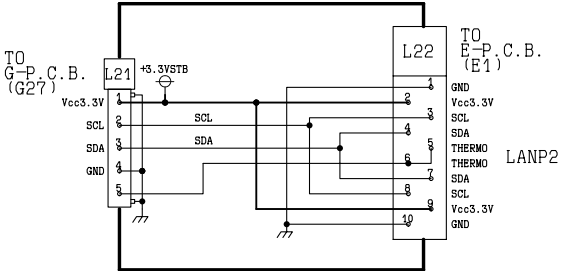
J3-P.C.Board TNPA4584



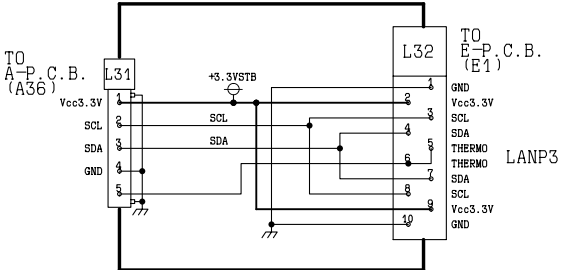
L1-P.C.Board TNPA3946



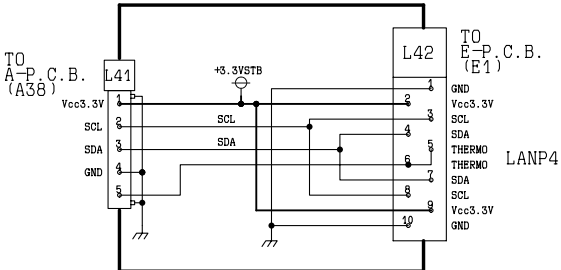
L2-P.C.Board TNPA3947



L3-P.C.Board TNPA3948

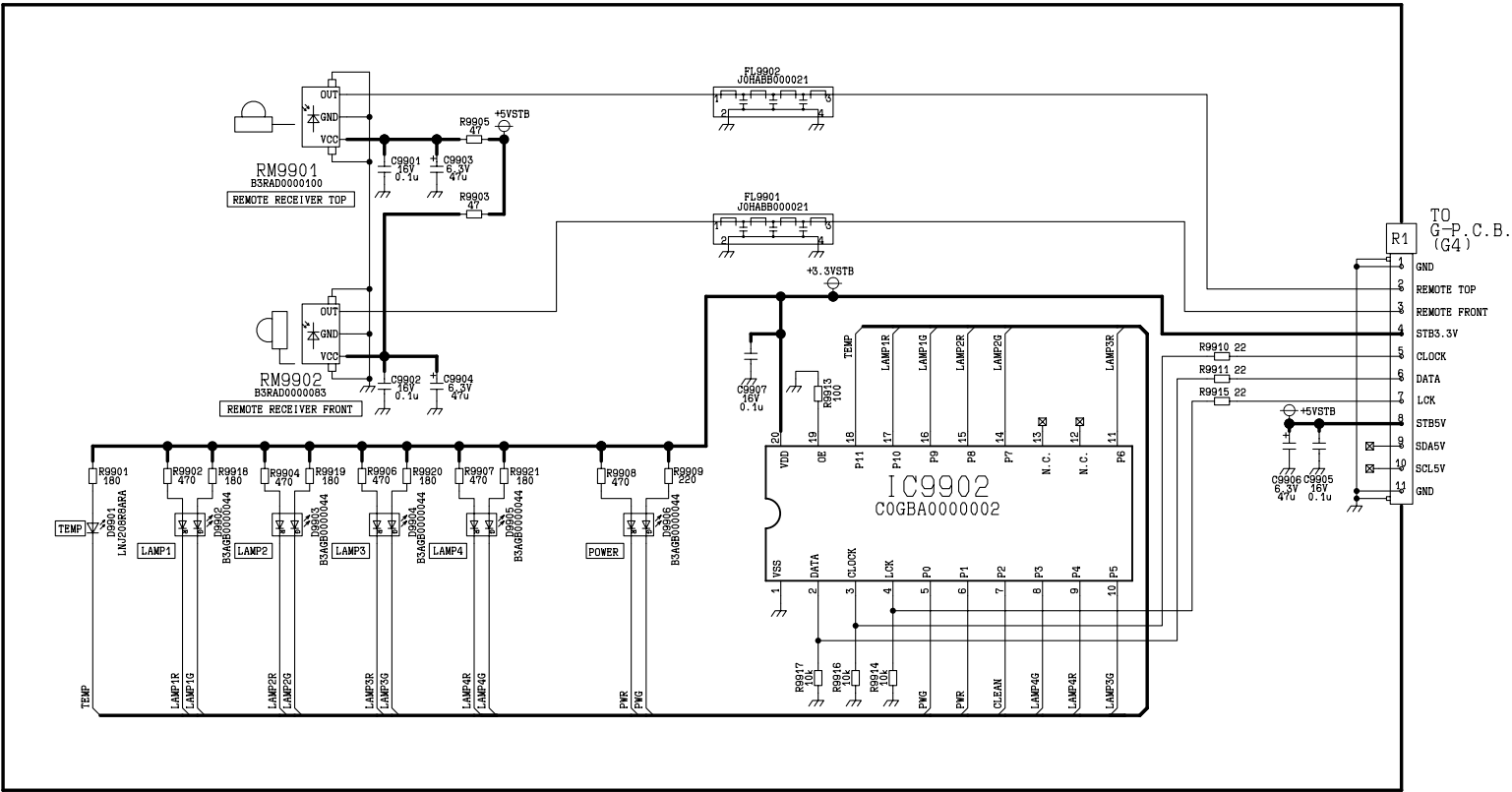


L4-P.C.Board TNPA3949

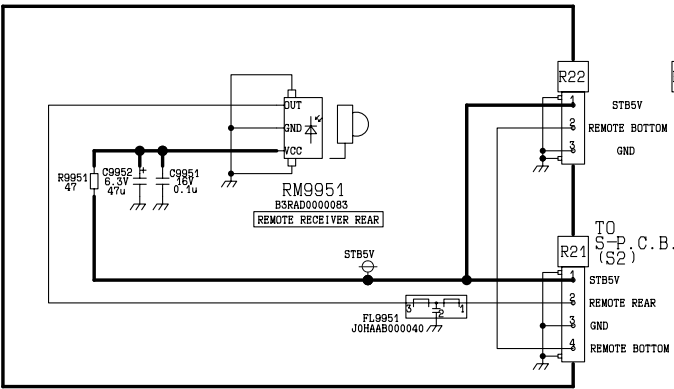


16.19. R/R2/R3/SL/CL-P.C.Board

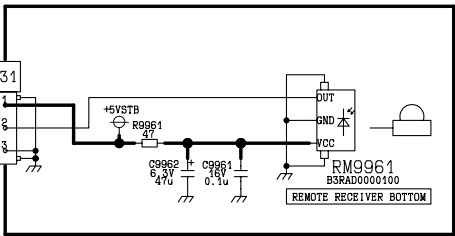
R-P.C.Board TNPA3939



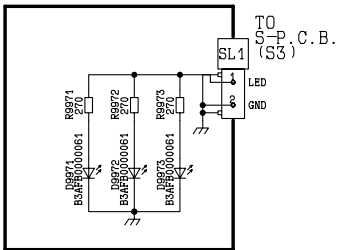
R2-P.C.Board TNPA4585



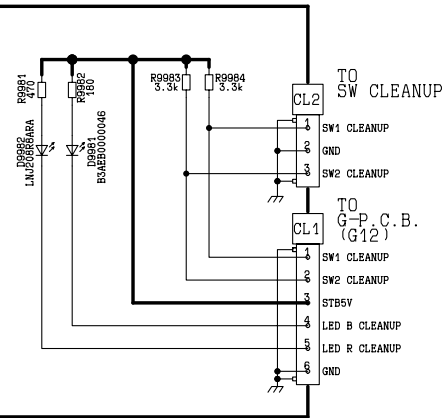
R3-P.C.Board TNPA4124



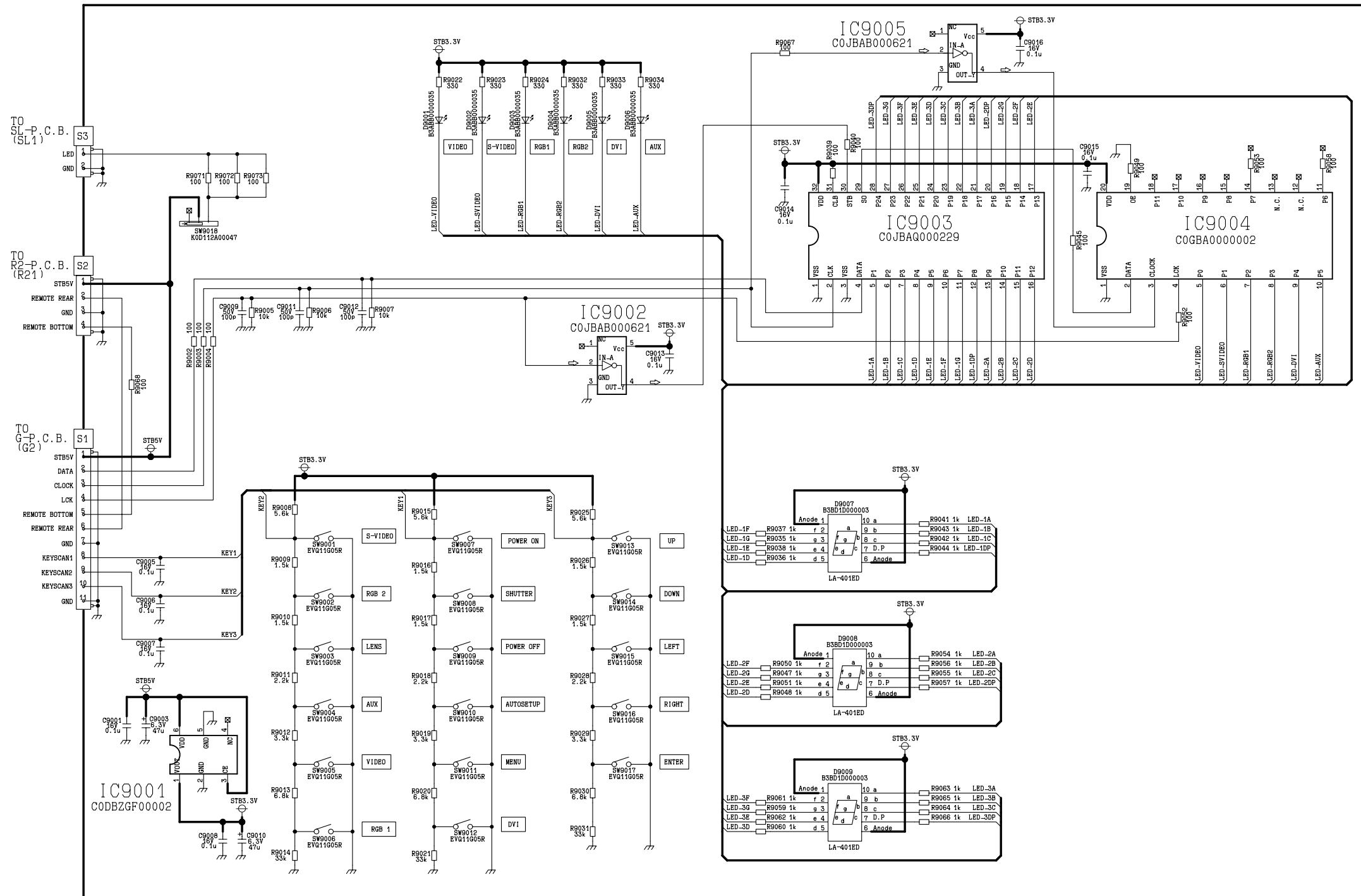
SL-P.C.Board TNPA4125



CL-P.C.Board TNPA4126



S-P.C.Board TNPA3938

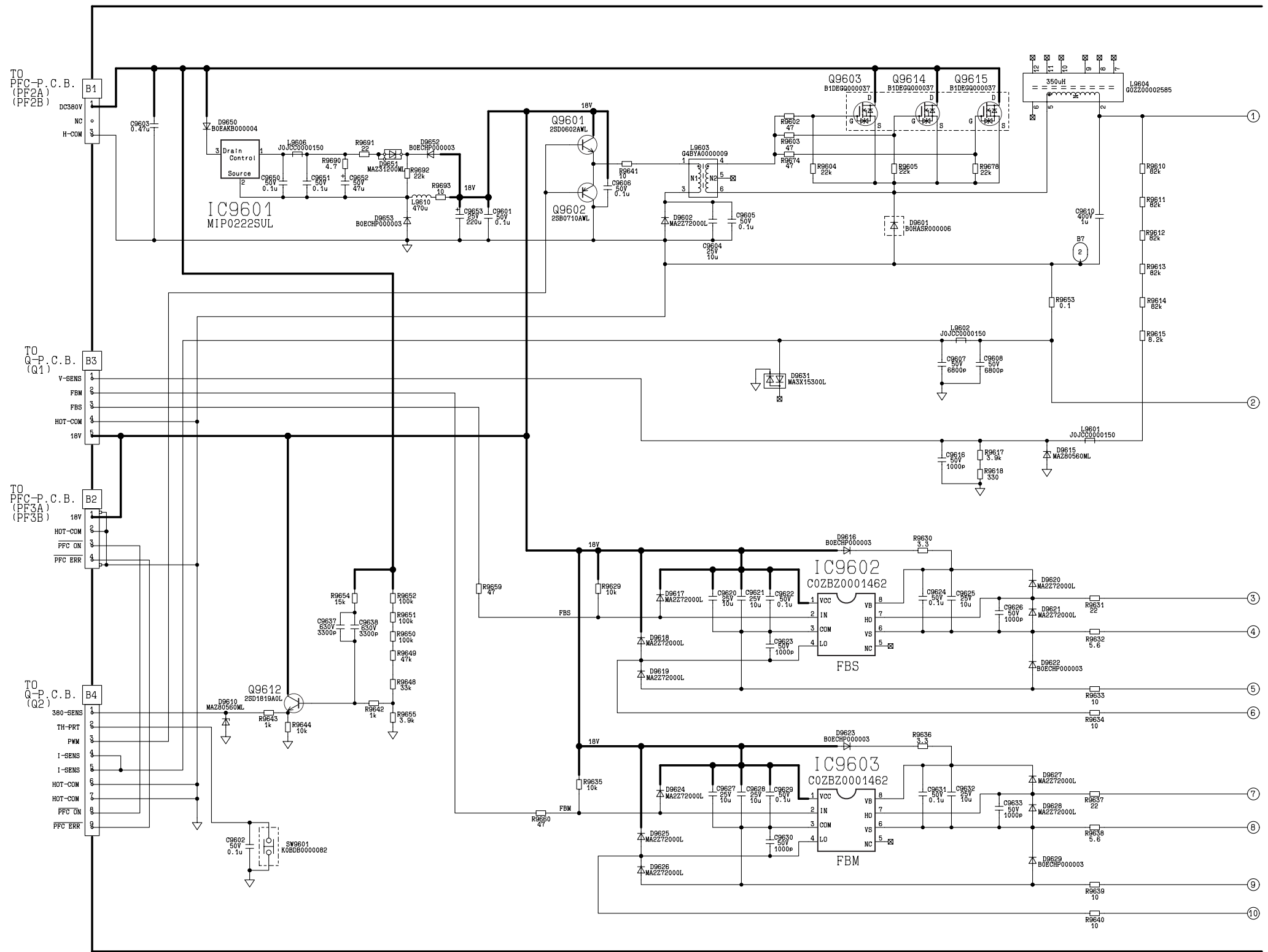


16.21. B-Module (1/2)

B-Module TXN/B1VKH1 (1/2)

Module Replacement

Only supplied components IC9601-03, Q9601-12 Q9614-15, D9601-2, D9604-09, D9611-14, D9616-29, D9650-53, R9630-34, R9636-40, R9653, R9693, C9603, C9610, C9615, C9618-19, T9604, S9602, SW9601, TXJ/L2VKH2

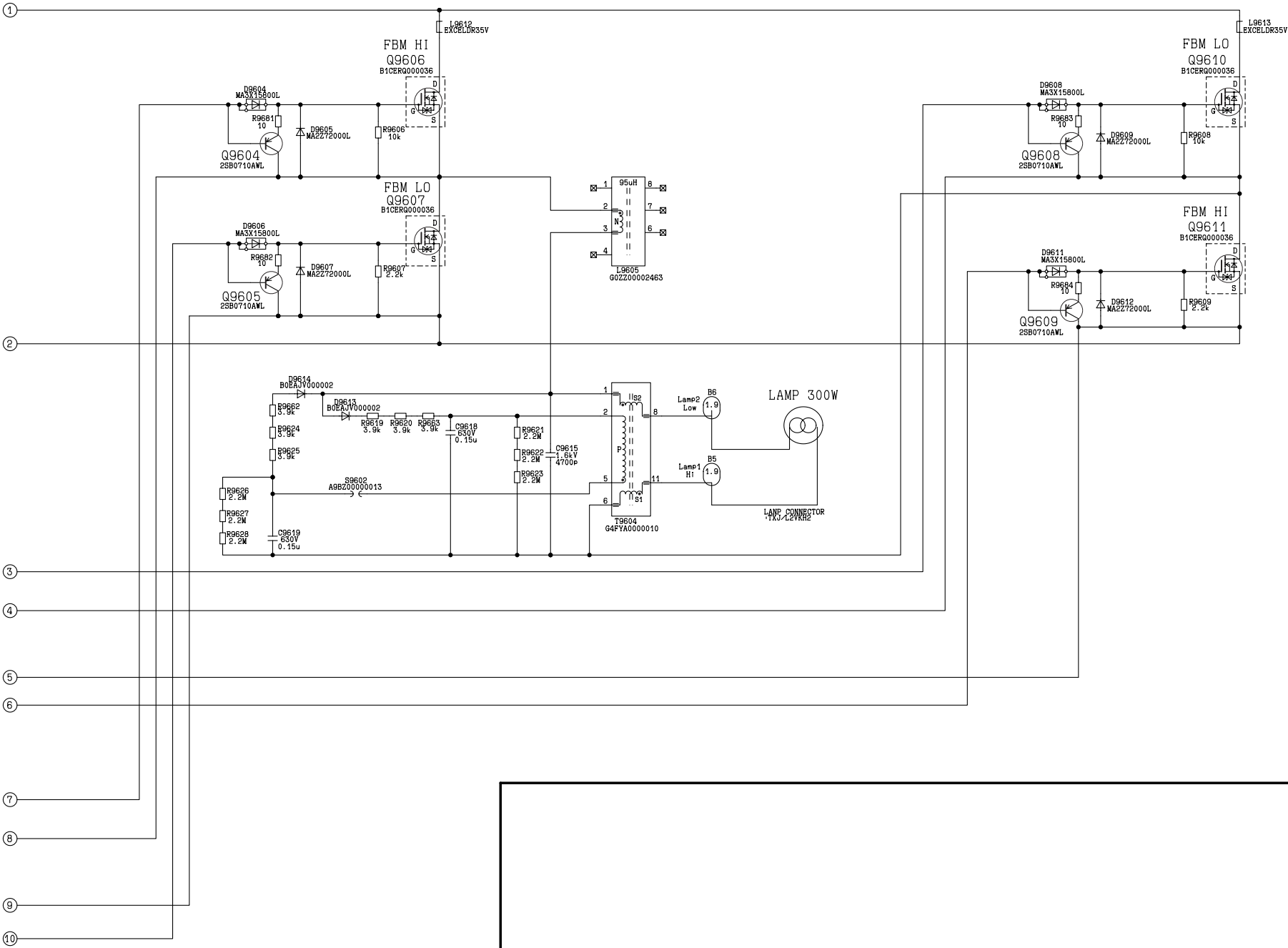


16.22. B-Module (2/2)

B-Module TXN/B1VKH1 (2/2)

Module Replacement

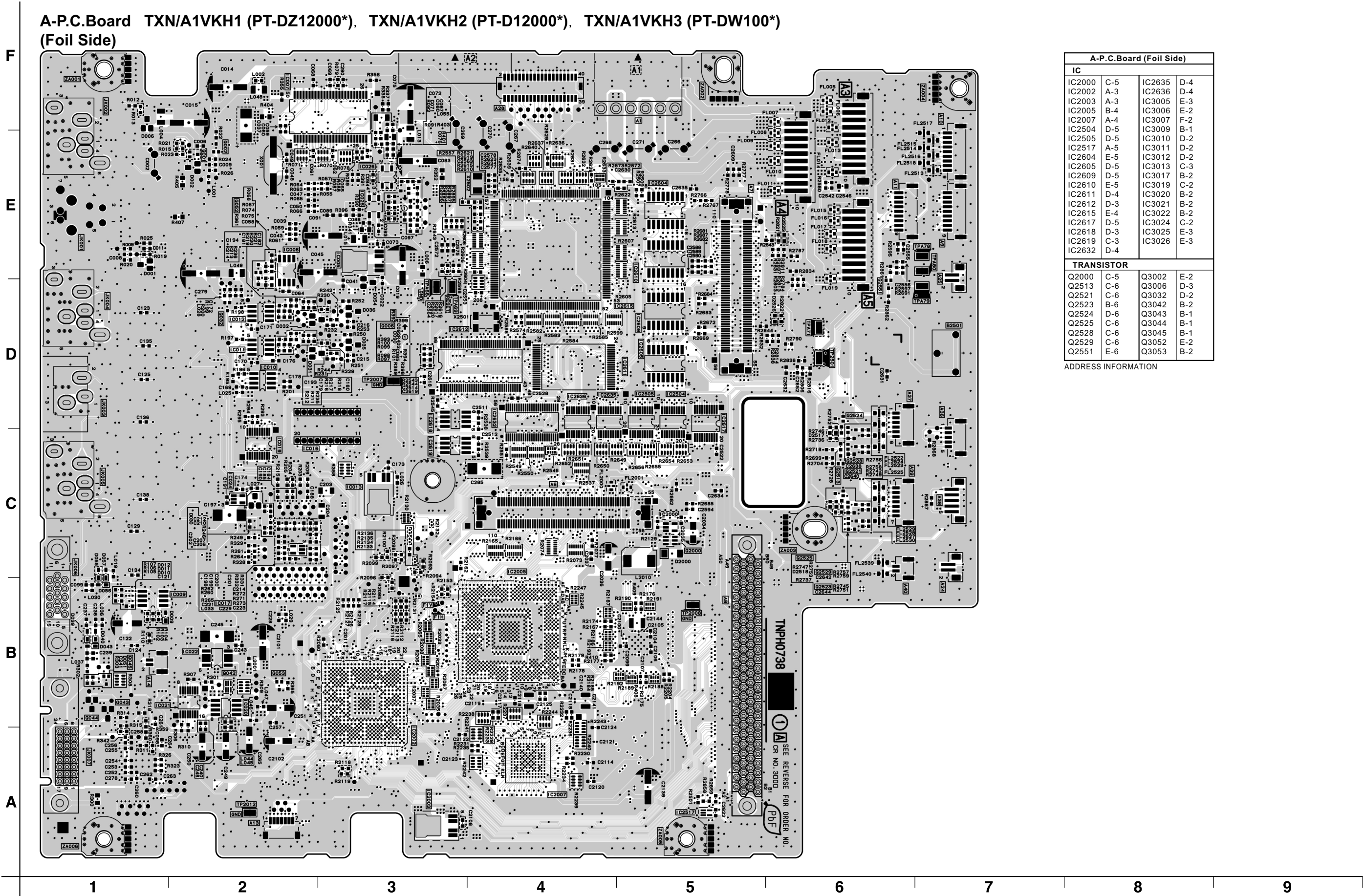
Only supplied components IC9601-03, Q9601-12 Q9614-15, D9601-2, D9604-09, D9611-14, D9616-29, D9650-53, R9630-34, R9636-40, R9653, R9693, C9603, C9610, C9615, C9618-19, T9604, S9602, SW9601, TXJ/L2VKH2



17 Circuit Boards

17.1. A-P.C.Board (Foil Side)

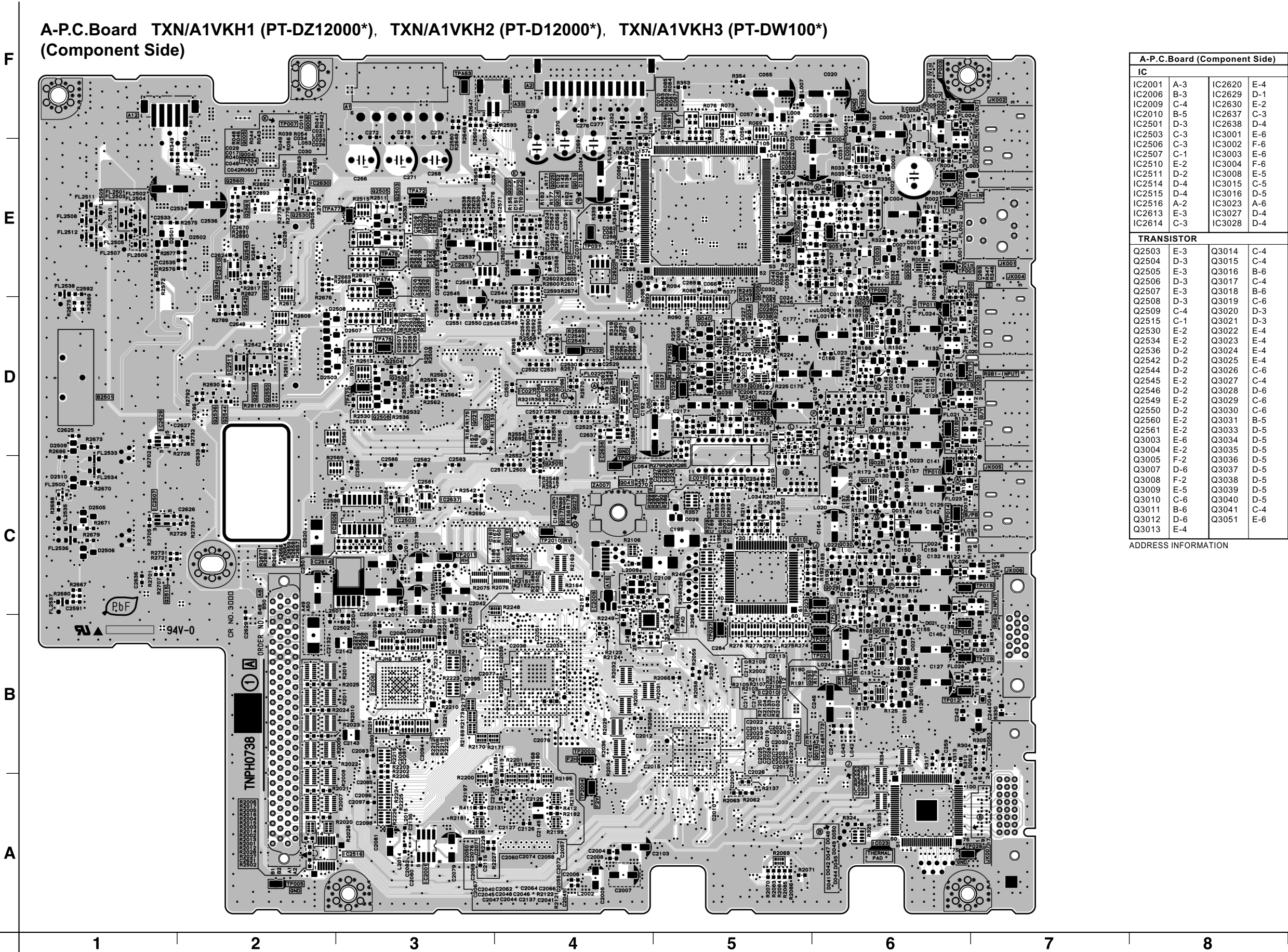
A-P.C.Board TXN/A1VKH1 (PT-DZ12000*), TXN/A1VKH2 (PT-D12000*), TXN/A1VKH3 (PT-DW100*)
(Foil Side)



A-P.C.Board (Foil Side)			
IC			
IC2000	C-5	IC2635	D-4
IC2002	A-3	IC2636	D-4
IC2003	A-3	IC3005	E-3
IC2005	B-4	IC3006	E-2
IC2007	A-4	IC3007	F-2
IC2504	D-5	IC3009	B-1
IC2505	D-5	IC3010	D-2
IC2517	A-5	IC3011	D-2
IC2604	E-5	IC3012	D-2
IC2605	D-5	IC3013	C-3
IC2609	D-5	IC3017	B-2
IC2610	E-5	IC3019	C-2
IC2611	D-4	IC3020	B-2
IC2612	D-3	IC3021	B-2
IC2615	E-4	IC3022	B-2
IC2617	D-5	IC3024	C-2
IC2618	D-3	IC3025	E-3
IC2619	C-3	IC3026	E-3
IC2632	D-4		
TRANSISTOR			
Q2000	C-5	Q3002	E-2
Q2513	C-6	Q3006	D-3
Q2521	C-6	Q3032	D-2
Q2523	B-6	Q3042	B-2
Q2524	D-6	Q3043	B-1
Q2525	C-6	Q3044	B-1
Q2528	C-6	Q3045	B-1
Q2529	C-6	Q3052	E-2
Q2551	E-6	Q3053	B-2

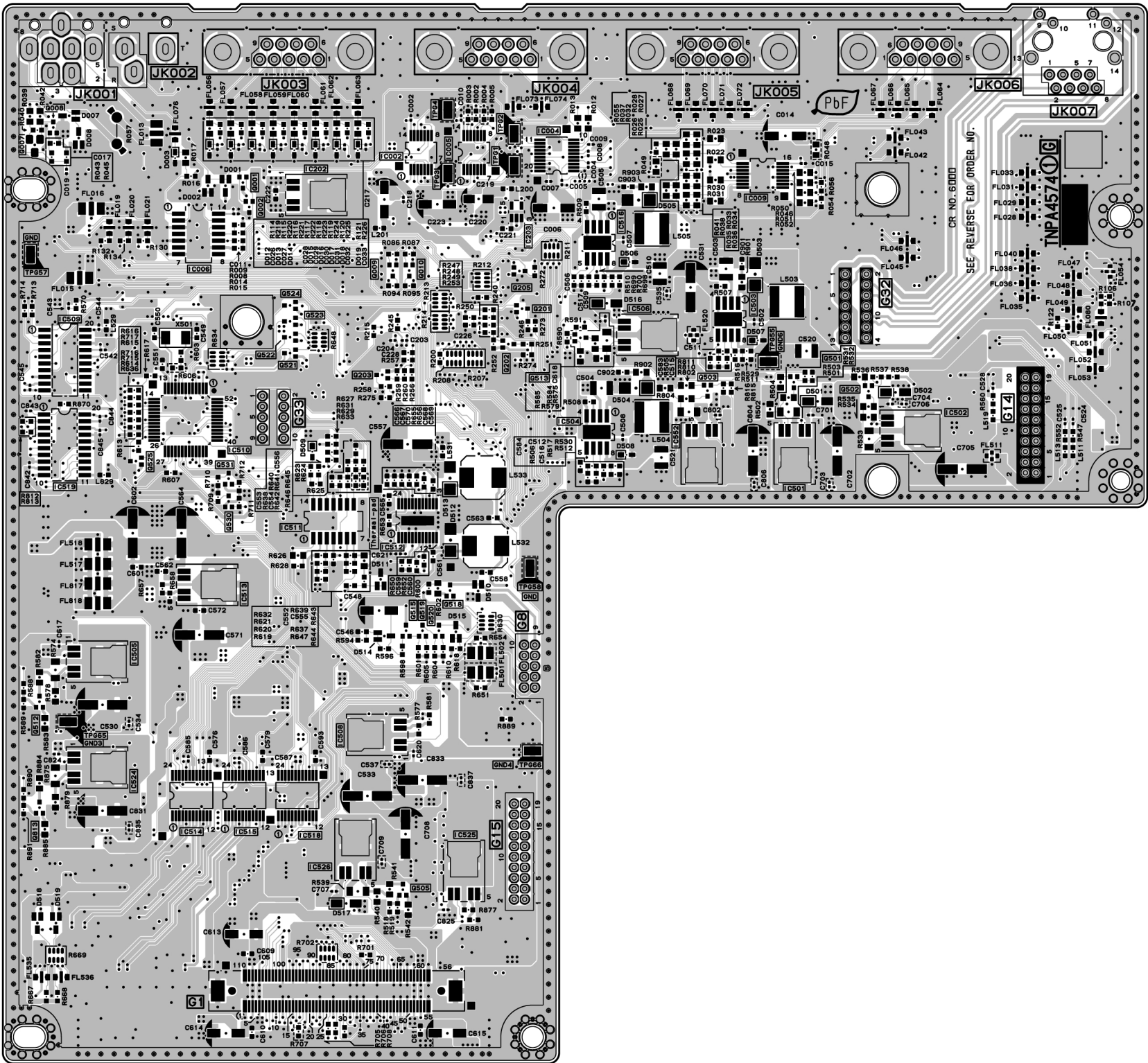
ADDRESS INFORMATION

17.2. A-P.C.Board (Component Side)



17.3. G-P.C.Board (Foil Side)

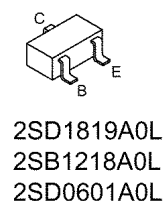
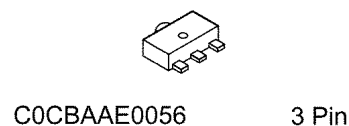
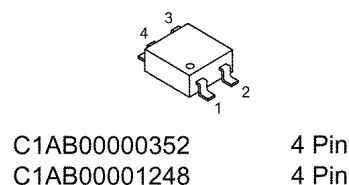
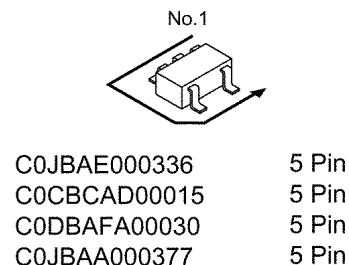
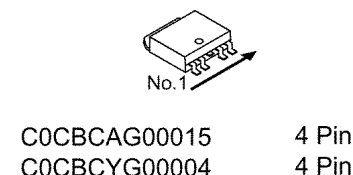
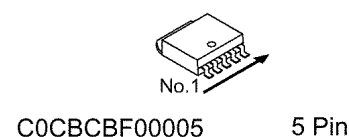
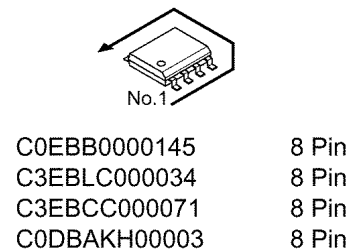
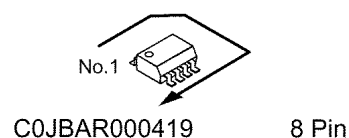
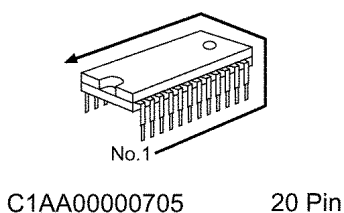
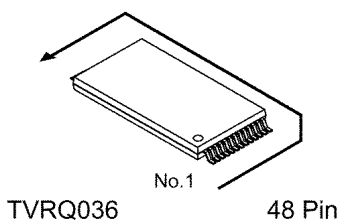
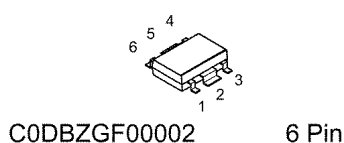
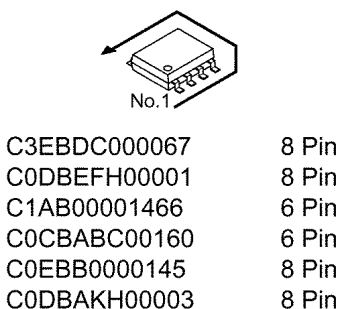
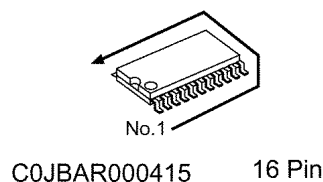
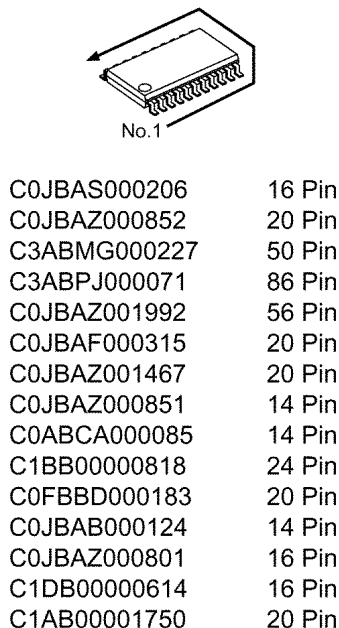
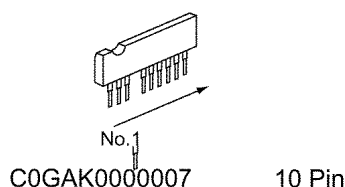
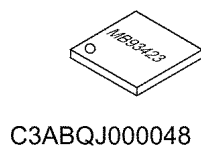
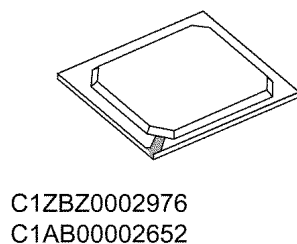
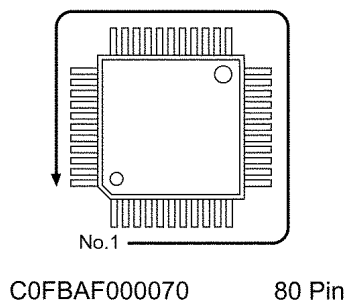
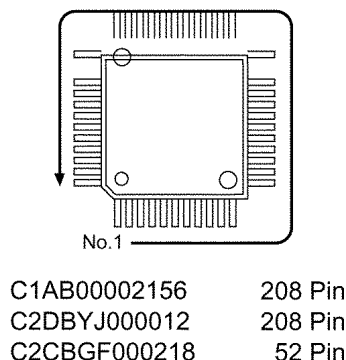
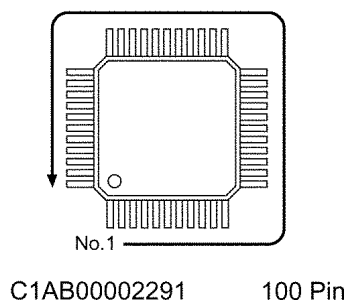
G-P.C.Board TNPA4574
(Foil Side)



G-P.C.Board (Foil Side)			
IC			
IC6002	E-3	IC6509	D-1
IC6004	E-3	IC6510	D-2
IC6005	E-3	IC6511	C-2
IC6006	D-2	IC6512	C-3
IC6009	E-4	IC6513	C-2
IC6202	E-2	IC6514	B-2
IC6203	E-3	IC6515	B-2
IC6501	C-4	IC6516	D-3
IC6502	D-5	IC6518	B-2
IC6503	D-4	IC6519	C-1
IC6504	D-3	IC6524	B-1
IC6505	C-1	IC6525	B-3
IC6506	D-4	IC6526	B-2
IC6508	B-2	IC6552	D-4
TRANSISTOR			
Q6001	E-2	Q6512	B-1
Q6002	E-2	Q6513	D-3
Q6007	E-1	Q6515	C-3
Q6008	E-1	Q6518	C-3
Q6009	D-2	Q6519	C-3
Q6010	D-3	Q6520	C-3
Q6201	D-3	Q6521	D-2
Q6202	D-3	Q6522	D-2
Q6203	D-2	Q6523	D-2
Q6205	D-3	Q6524	D-2
Q6501	D-4	Q6525	C-1
Q6502	D-5	Q6531	C-2
Q6503	D-4	Q6813	B-1
Q6505	A-3		

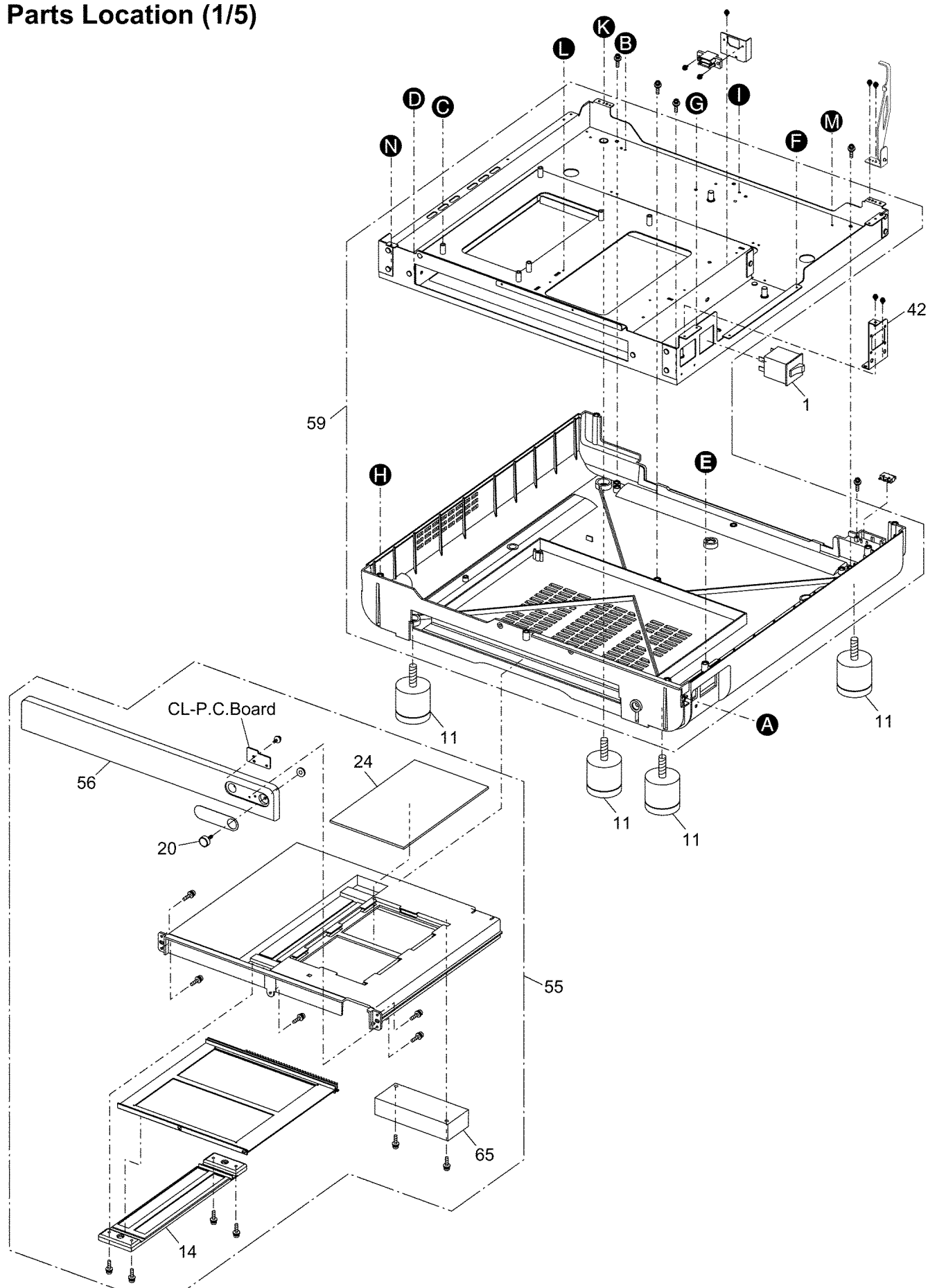
ADDRESS INFORMATION

18 Terminal guide of ICs and transistors

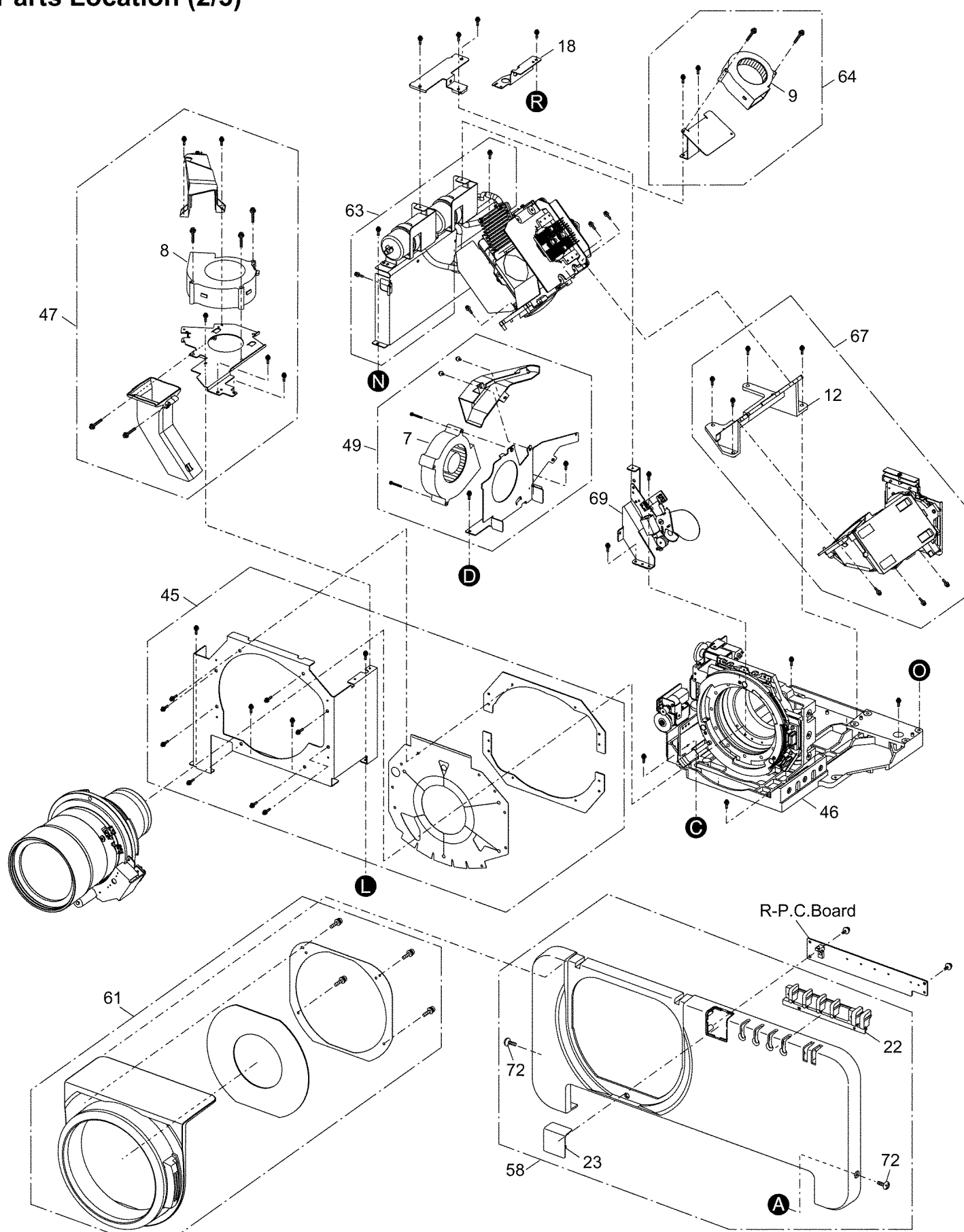


19 Exploded Views

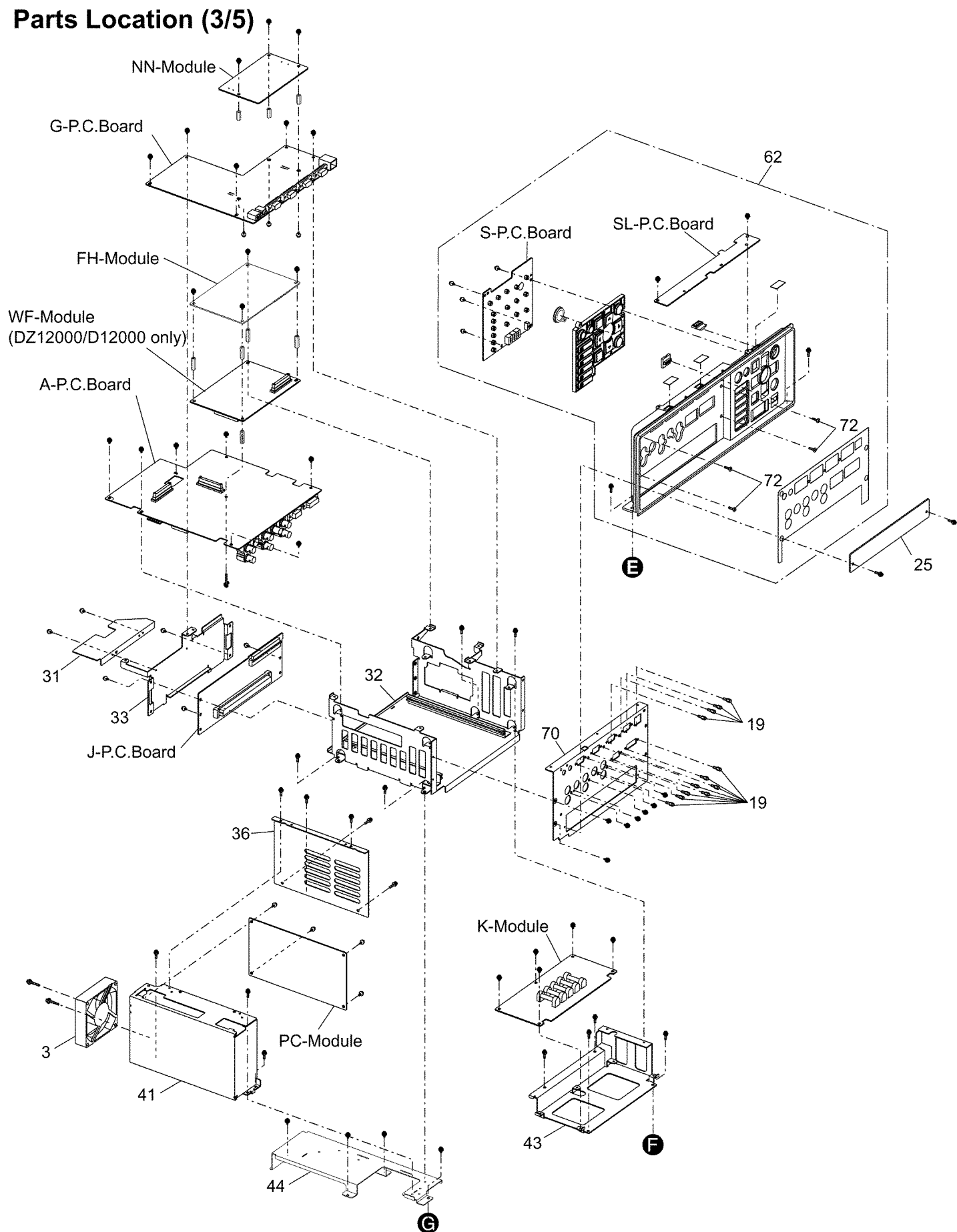
Parts Location (1/5)



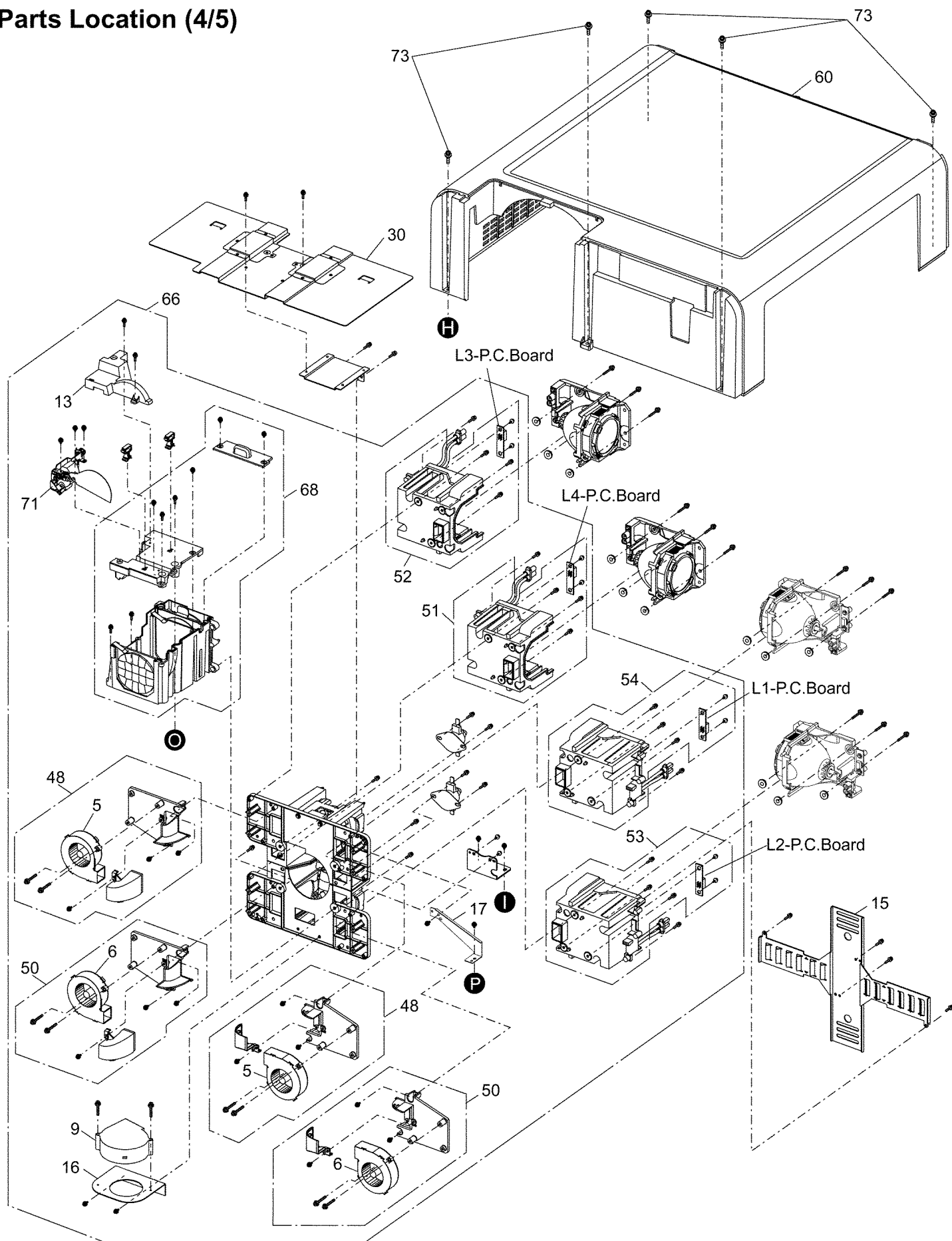
Parts Location (2/5)



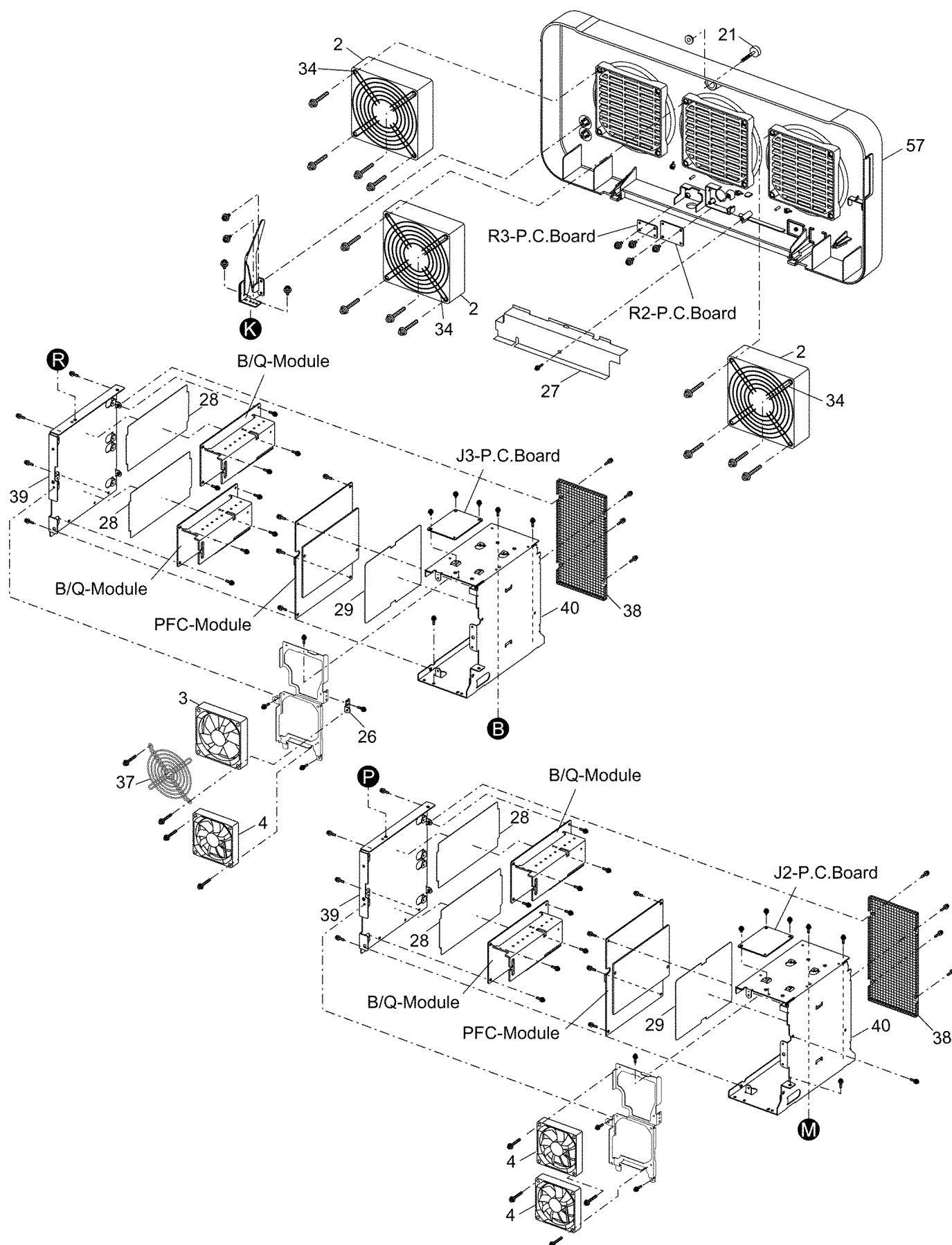
Parts Location (3/5)



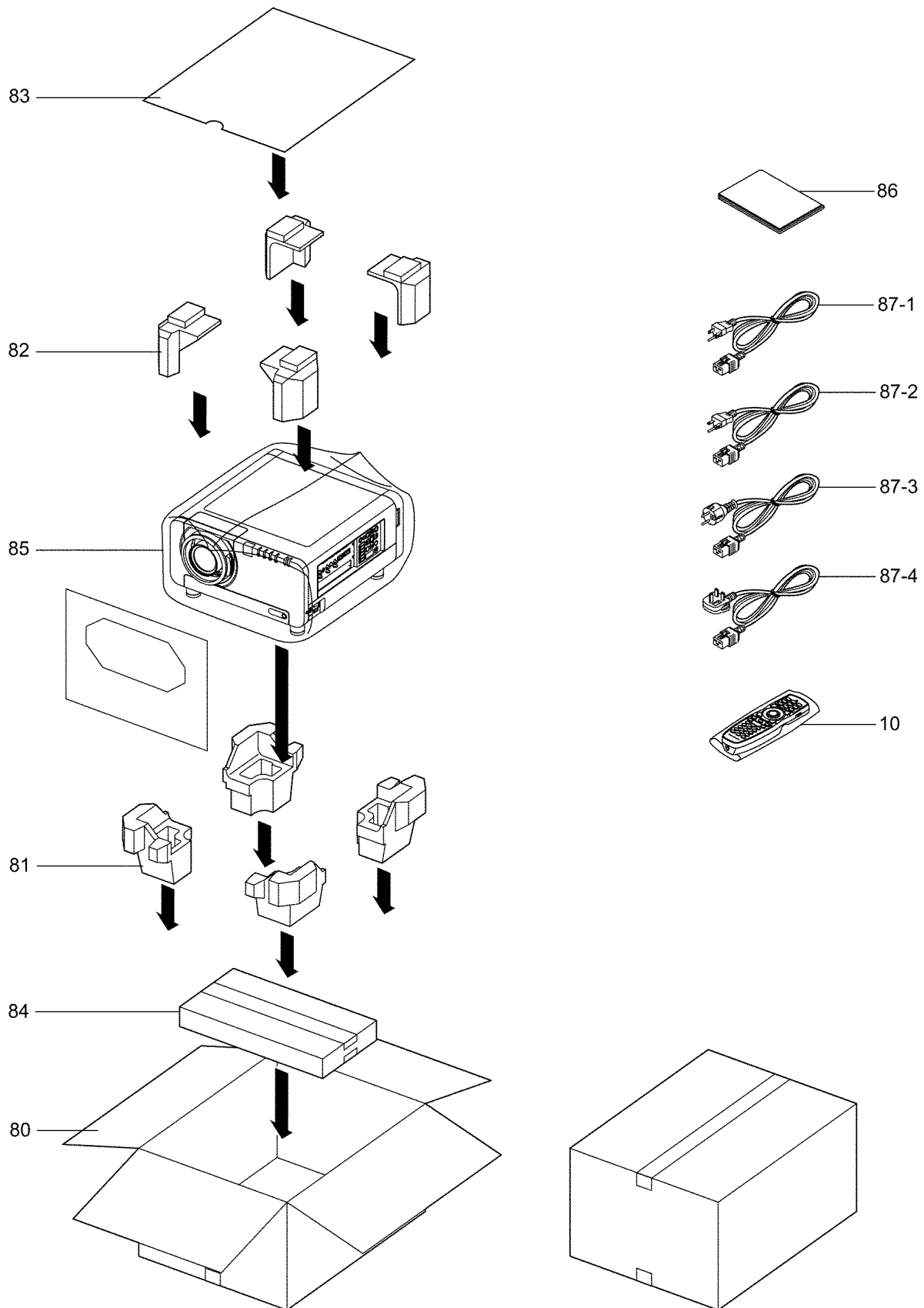
Parts Location (4/5)



Parts Location (5/5)




Packing Parts



20 Replacement Parts List

Important Safety Notice

Components identified by the International symbol  have special characteristics important for safety.
When replacing any of these components, use only the manufacturer's specified parts.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

TYPE ALLOWANCE

TYPE	ALLOWANCE
C : Carbon	F : $\pm 1\%$
F : Fuse	G : $\pm 2\%$
M : Metal Oxide	J : $\pm 5\%$
Metal Film	K : $\pm 10\%$
S : Solid	M : $\pm 20\%$
W : Wire Wound	

2. Capacitor

Example:



























ECKF1H103ZF C 0.01PF, Z, 50V

TYPE ALLOWANCE

TYPE	ALLOWANCE
C : Ceramic	C : $\pm 0.25\text{ pF}$
E : Electrolytic	D : $\pm 0.5\text{ pF}$
P : Polyester	F : $\pm 1\text{ pF}$
PP : Polypropylene	J : $\pm 5\%$
S : Polystyrol	K : $\pm 10\%$
T : Tantalum	L : $\pm 15\%$
	M : $\pm 20\%$
	P : $+100\%, -0\%$
	Z : $+80\%, -20\%$

Notes:

Printed circuit board assembly with mark (RTL) is no longer available after production discontinuation of the complete set.

Ref. No.	Part No.	Part Name & Description	Remarks
[MECHANICAL PARTS]			
	D4CDY4930001	TEMP SENSOR	
	D4CDY4930003	TEMP SENSOR	
	J0KA00000033	CORE	
	J0KG00000013	CLAMP CORE	
	J0KG00000030	INLET CLAMP CORE	
	K0YZ00000070	SWITCH	
87-1	K2CG3YY00035	POWER CORD (200V 3M)	 DZ12000U/D12000U/DW100U
87-2	K2CH3YY00001	POWER CORD	 DZ12000U/D12000U/DW100U
87-3	K2CM3YY00007	POWER CORD (3m) EUROPE	 DZ12000E/D12000E/DW100E
87-4	K2CT3YY00014	POWER CORD (3m) UK	 DZ12000E/D12000E/DW100E
1	K5JHPB000012	AC SWITCH (BREAKER)	
	L2EH00000001	SENSOR UNIT	
2	L6FAPGKH0002	FAN (EXHAUST)	
3	L6FAYYYH0043	FAN (PC/PF)	
4	L6FAYYYH0045	FAN (BALLAST-R/L)	
5	L6FCLDCH0006	FAN (LAMP COOLING 1)	
6	L6FCLDCH0007	FAN (LAMP COOLING 2)	
	L6FCLEYH0001	FAN (PRISM)	
7	L6FCNEEH0003	FAN (DMD COOLING)	
8	L6FCYYH0016	FAN (C-PRISM)	
9	L6FCYYH0017	FAN (L-PRISM)	
10	N2QAYB000076	REMOTE CONTROLLER	
11	TBLG3021-1	ADJUST LEG	
	TBMH067-1	MODEL NAME PLATE	 DZ12000U
	TBMH068-1	MODEL NAME PLATE	 DZ12000E
	TBMH070-1	MODEL NAME PLATE	 D12000U
	TBMH071-1	MODEL NAME PLATE	 D12000E
	TBMH073	MODEL NAME PLATE	 DW100U
	TBMH074	MODEL NAME PLATE	 DW100E
12	TEDX5001-1	ENGINE BASE	
13	TEEC5292	DYNAMIC AP COVER	
14	TEEC5302-1	BRUSH COVER	

Ref. No.	Part No.	Part Name & Description	Remarks
	TEJA111	HINGE SHAFT	
	TEKC036-2	CLUTCH GEAR	
	TENC5237-3	FIELD LENS APERTURE	
	TENC5388	CONNECTOR METAL	
15	TENC5390-1	BACK METAL	
	TENC5391	SHAFT METAL	
16	TENC5398	FAN METAL	
17	TENC5479	BALLAST SUPPORT METAL	
18	TENC5488	RADIATOR SUPPORT METAL	
	TENC5489	TANK SUPPORT METAL	
	TESA291	MIRROR SPRING	
	TESD046	COIL SPRING	
	TESD047	COIL SPRING	
	TESD049	COIL SPRING	
	TEWB001	SHEET	
	TEWB169	GASKET	
	TEWB367	SHIELD GASKET	
	THEA114J	SCREW	
	THEA125J	SCREW	
	THEA162	SPACER	
19	THEC084N	D-SUB FIX SCREW	
20	THEC096	SCREW	
21	THEC097	SCREW	
	THEC099	SCREW	
	THNA021N	SPACER	
	THWC002P	WASHER	
	TKGF5155	FIELD LENS	
	TKGJ5114	MIRROR	
22	TKKC5256	LED PLATE	
23	TKKC5257	REMOTE RECEIVER PLATE	
	TKKC5267-1	IR SHEET	
	TKKC5281	REMOTE RECEIVER PLATE	
24	TKNE067-1	ELECTRIC FILTER	
25	TKPA33902	BLINDFOLD BOARD	
26	TKZJ5079	BALLAST FAN METAL	
	TKZX5197	STAY SUPPORT METAL	
	TKZX5216	STAY INSTALL METAL	
	TMKX012	WASHER	
	TMKY154	SHEET	
27	TMKY167	SHELTER COVER	
	TMKY173-3	LENS PROTECTION DUST SHEET	

Ref. No.	Part No.	Part Name & Description	Remarks
	TMKY184-1	SENSOR INSTALL SHEET	
	TMKY203	SWITCH COVER	
	TMKY216-1	POWER SHEET(PC)	
	TMKY224-1	BALLAST SHEET 3	
	TMKY225	SHEET 1	
	TMKY234-1	MESH GUARD	
	TMKY239	LENS COVER SHEET	
	TMKY491	SHEET (FLEX CABLE)	
28	TMKY521-1	SHIELD SHEET (BALLAST)	△
29	TMKY543-1	SHIELD SHEET (PFC)	△
	TMKY573	BALLAST SHEET 2	
	TMKY583	EXHAUST FAN SHEET 1	
	TMKY584	EXHAUST FAN SHEET 2	
	TMKY585	RADIATOR SHEET 2	
	TMKY586	BALLAST SHEET 1	
	TMKY594	BALLAST SHELTER SHEET	
	TMKY630	SHIELD SHEET (BIMETAL 1)	
	TMKY631	SHIELD SHEET (BIMETAL 2)	
	TMM16473-1	CLAMPER	
	TMM16497-1	CLAMPER	
	TMM6463-1	CLAMPER	
	TMM6496-1	CLAMPER	
	TMM7464-2	CLAMPER	
	TMM7468-1	CLAMPER	
	TMM81488	CLAMPER	
	TMME047	CLAMPER	
	TMME155	SPACER	
	TMME221	CLIP	
	TMME295	CLAMPER	
	TMME296	CLAMPER	
	TMME310	CLAMPER	
	TMME333	CLAMPER (BALLAST1)	
	TMME334	CLAMPER (BALLAST2)	
	TMMJ068	LEVER SW RUBBER	
	TMX13439	GUIDE	
	TPAHE86	ACCESSORY BOLT	
80	TPCC39701	CARTON	DZ12000U/D12000U/DW100U
81	TPDA1431	CUSHION 1	
82	TPDA1432	CUSHION 2	
	TPDA1532	LENS PAD	
	TPDA1868	CORNER PAD	DZ12000U/D12000U/DW100U
83	TPDF0958	PAD (TOP)	
84	TPDF1828	ACCESSORY CARTON	
	TPDF1882	FRONT PAD	
	TPDF1885	CARTON (REMOTE CONTROLLER)	
	TPDF2230	SUPPLEMENT PAD	DZ12000U/D12000U/DW100U
85	TPEH335	SET COVER	
	TPEH341	POLY BAG (POWER CORD)	
	TQB817002-1	SAFETY SHEET	DZ12000U/D12000U/DW100U
	TQBH7017	SHEET (PASSWORD)	
	TQBH7018	CARRYING CAUTION SHEET	
86	TQBJ0263	INSTRUCTION BOOK	△ DZ12000U/D12000U
	TQBJ0264	INSTRUCTION BOOK	△ DZ12000E/D12000E
	TQBJ0267	INSTRUCTION BOOK	△ DW100U
	TQBJ0268	INSTRUCTION BOOK	△ DW100E
	TQD1712010	SHEET	
	TQDH19024	WIRE ROPE SHEET	
	TQDJ18004-1	GUARANTEE CARD (CANADA)	DZ12000U/D12000U/DW100U
	TQDJ18018-1	GUARANTEE CARD (USA)	DZ12000U/D12000U/DW100U
	TQDJ19116-1	FCC/DTV SHEET	DZ12000U/D12000U/DW100U
	TQDJ39001	SERVICE CENTER SHEET	DZ12000U/D12000U/DW100U
	TQFD701	RECYCLE MARK SEAL	
	TTRA0143	WIRE ASSY	

Ref. No.	Part No.	Part Name & Description	Remarks
30	TUCA5026	LAMP SHADING COVER	
31	TUCB5096	J-PCB METAL 2	
32	TUCC6177	SIGNAL CASE	
33	TUCC6181	J-PCB INSTALL PLATE	
34	TUCC6182	SHIELD METAL	
	TUCC6183	BALLAST FAN MESH	
	TUCC6185	SHIELD METAL	
36	TUCC6191-1	POWER CASE COVER (PC)	
	TUCC6224	SHEET METAL	
37	TUCC6226	SHIELD METAL 2	
38	TUCC6308	BALLAST MESH	
39	TUCC6309	BALLAST SUPPORT METAL	
40	TUCC6310	PFC SUPPORT METAL	
41	TUCC6311	POWER PCB SUPPORT METAL (PC)	
42	TUWX173	INLET SUPPORT METAL	
	TUXA188	ACTUATOR BRACKET	
	TUXA189-1	MOTOR FLANGE	
	TUXA265	STAY	
	TUXA266	SUPPORT METAL	
43	TUXE293	K-PCB METAL	
44	TUXJ372-1	PC METAL	
	TXAUA02VKH1	BASE UNIT ASSY	
45	TXAUA03VKH1	FRONT METAL ASSY	
46	TXFED01VKH1	LENS MOUNT ASSY	
47	TXFEE01VKH1	DMD DUCT ASSY	
48	TXFEE02VKH1	LAMP DUCT ASSY	
49	TXFEE03VKH1	PRISM DUCT ASSY (BOTTOM)	
50	TXFEE04VKH1	LAMP DUCT 2 ASSY	
51	TXFEE06VKH1	LAMP CASE (L4)	
52	TXFEE07VKH1	LAMP CASE (L3)	
53	TXFEE08VKH1	LAMP CASE (L2)	
54	TXFEE09VKH1	LAMP CASE (L1)	
55	TXFKF05VKC8	FILTER CLEANING ASSY	
	TXFKF06VKC8	CLEANING MECHANISM ASSY	
56	TXFKF95VKC8	FRONT COVER (CLEANING-MECHA)	
57	TXFKF96QDJZ	BACK COVER ASSY	△
58	TXFKF97Q8JZ	FRONT CASE ASSY	△
59	TXFKF98Q8JZ	BOTTOM COVER	△ DZ12000U
	TXFKF98Q8KZ	BOTTOM COVER	△ DZ12000E
	TXFKF98Q8MZ	BOTTOM COVER	△ D12000U
	TXFKF98Q8NZ	BOTTOM COVER	△ D12000E
	TXFKF98Q8QZ	BOTTOM COVER	△ DW100U
	TXFKF98Q8RZ	BOTTOM COVER	△ DW100E
60	TXFKF99VKH1	UPPER COVER	△ DZ12000U/E
	TXFKF99VKH2	UPPER COVER	△ D12000U/E
	TXFKF99VKH3	UPPER COVER	△ DW100U/E
61	TXFKP01VKC8	LENS COVER	
62	TXFKP02VKH1	TERMINAL COVER	△
63	TXFKZ01VKH1	RADIATOR UNIT ASSY	
64	TXFKZ02VKH1	RADIATOR FAN ASSY	
	TXFMF01VKH1	GEAR MOTOR (MF)	△
	TXFMH01VKH1	GEAR MOTOR (MH)	△
	TXFMV01VKH1	GEAR MOTOR (MV)	△
	TXFPC99Q8JZ	DOUBLE CARTON	△ DZ12000U
80	TXFPC99Q8KZ	CARTON	△ DZ12000E
	TXFPC99Q8MZ	DOUBLE CARTON	△ D12000U
80	TXFPC99Q8NZ	CARTON	△ D12000E
	TXFPC99Q8QZ	DOUBLE CARTON	△ DW100U
80	TXFPC99Q8RZ	CARTON	△ DW100E
	TXFSE01VKC8	MECHA SHUTTER SW LEAD	△
	TXFSE03VKC8	INTERLOCK SW LEAD ASSY	△
	TXFSE04VKC8	ALPS SW LEAD ASSY	△
65	TXFSE06VKC8	MOTOR MECHA UNIT ASSY	△
	TXJ/A1VKH1	LEAD WIRE (A1-PC5)	△
	TXJ/A2VKC8	LEAD WIRE (A2-PC4)	△
	TXJ/B1VKH1	LEAD WIRE (B1-PF2)	△
	TXJ/B2VKH1	LEAD WIRE (B2-PF3)	△
	TXJ/E2VKC8	MOUNT EARTH WIRE	△
	TXJ/E3VKC8	EARTH LEAD	△
	TXJ/G5VKH1	LEAD WIRE (G5 - Q3)	△

Ref. No.	Part No.	Part Name & Description	Remarks
	TXJ/G6VKH1	LEAD WIRE (G6 - Q3)	△
	TXJ/G7VKH1	LEAD WIRE (G7-PC3)	△
	TXJ/G8VKC8	LEAD WIRE (G8-H1CONNECTOR)	△
	TXJ/G9VKC8	LEAD WIRE (G9-HVF MOTOR)	△
	TXJ/K1VKH1	LEAD WIRE (BREAKER SW-K1)	△
	TXJ/K2VKH1	LEAD WIRE (K2-BIMETAL)	△
	TXJ/K3VKH1	LEAD WIRE (K3/K4-PF1)	△
	TXJ/K5VKH1	LEAD WIRE (K5/K6-PF1)	△
	TXJ/K7VKH1	LEAD WIRE (K7-PC1)	△
	TXJ/L2VKH2	LEAD WIRE	△
	TXJ/R1VKC8	LEAD WIRE (R1-G4)	△
	TXJ/R2VKC8-1	LEAD WIRE (S2-R21)	△
	TXJ/R3VKC8	LEAD WIRE (R22-R31)	△
	TXJ/REVKH1	LEAD WIRE (RE-PC7)	△
	TXJ/S1VKC8	LEAD WIRE (S1-G2)	△
	TXJ/S3VKC8	LEAD WIRE (S3-SL1)	△
	TXJA37VKH1	LEAD WIRE A37 - Q3)	△
	TXJA39VKH1	LEAD WIRE (A39 - Q3)	△
	TXJA40VKC8-1	SWITCH (A40-BACK COVER)	△
	TXJBB1VKH1	LEAD WIRE (BIMETAL-BIMETAL)	△
	TXJCL1VKC8-1	CL1 MOTOR SENSOR	△
	TXJFB2VKC8	LEAD WIRE (A3-FB2)	△
	TXJFG2VKC8	LEAD WIRE (A5-FG2)	△
	TXJFH4VKH1	LEAD WIRE (A10-FB3)	△
	TXJFH6VKH1	LEAD WIRE (FH6/7-FG1/3)	△
	TXJFH8VKH1	LEAD WIRE (A11-FR3)	△
	TXJFR2VKC8	LEAD WIRE (A4-FR2)	△
	TXJG10VKC8-1	LEAD WIRE (G10-ZOOM CT)	△
	TXJG12VKC8	LEAD WIRE (G12-CLEANER CT)	△
	TXJG14VKC8	LEAD WIRE (G14-J20)	△
	TXJG15VKC8-1	LEAD WIRE (G15-J30)	△
	TXJG42VKC8	LEAD WIRE (G42 - LV/LH)	△
	TXJJ21VKC8-1	LEAD WIRE (J21-BACK FAN)	△
	TXJL11VKC8	LEAD WIRE (L11-G26)	△
	TXJL21VKC8-1	LEAD WIRE (L21-G27)	△
	TXJL31VKC8	LEAD WIRE (L31-A36)	△
	TXJL41VKC8	LEAD WIRE (L41-A38)	△
	TXJPC6VKH1	LEAD WIRE (PC6-FH2)	△
	TXJPF4VKH1	LEAD WIRE (PF4-RE)	△
	TXJSW1VKH1	LEAD WIRE (INLET-BREAKER SW)	△
	TXZED02VKH1	RELAY LENS	
66	TXZEE01VKH1	ANALYSIS BLOCK	DZ12000U/E
	TXZEE01VKH2	ANALYSIS BLOCK	D12000U/E
	TXZEE01VKH3	ANALYSIS BLOCK	DW100U/E
67	TXZEE02VKC8	ANALYSIS MIRROR	
68	TXZEE03VKH1	ANALYSIS CASE ASSY	DZ12000U/E
	TXZEE03VKH2	ANALYSIS CASE ASSY	D12000U/E
	TXZEE03VKH3	ANALYSIS CASE ASSY	DW100U/E
69	TXZEK01VKC8A	MECHA-SHUTTER	
70	TXZKZ01VKC8	TERMINAL PLATE ASSY	
71	TXZTE01VKC8	IRIS UNIT ASSY	
	XNG3BFJ	NUT	
	XQN2+C2FJK	SCREW	
	XSB3+5FJ	SCREW	
	XSB3+8FC	SCREW	
72	XSB4+10FJK	SCREW	
	XSB4+40FJ	SCREW	
	XSS3+6FJK	SCREW	
	XTB3+12CFN	SCREW	LAMP DUCT
	XTBT969FJK	SCREW	
	XTN3+4FFJ	SCREW	
	XTS3+10JFJK	SCREW	
	XTV3+8AFJ	SCREW	
	XTV3+8FFJ	SCREW	
	XTW3+6PFJK	SCREW	
	XTW3+8PFJ	SCREW	
	XUC15FJ	E-RING	

Ref. No.	Part No.	Part Name & Description	Remarks
	XVE3A10FT	SCREW	
	XWGV4D10G	WASHER	
	XWGV6F10G	WASHER	
	XXE3C8	SCREW	
	XYN2+J16FJ	SCREW	
	XYN2+J6FJ	SCREW	
	XYN2+J8FJ	SCREW	
	XYN3+F12FJK	SCREW	
	XYN3+F14FJ	SCREW	POWER FAN
	XYN3+F18FJ	SCREW	
	XYN3+F25FJ	SCREW	
	XYN3+F30FJK	SCREW	DUCT ASSY
	XYN3+F6FJ	SCREW	
	XYN3+F6FJK	SCREW	
	XYN3+F8FJ	SCREW	
	XYN3+F8FJK	SCREW	
73	XYN3+J10FJ	SCREW	ANALYSIS BLOCK
	XYN3+J8FJ	SCREW	
	XYN4+E8FJ	SCREW	
	XYN4+F25FJ	SCREW	
	XYN4+F30FJ	SCREW	
	XYN4+F45FJK	SCREW	
	XYN4+F6FJ	SCREW	
	XYN4+J10FJ	SCREW	
	XYN4+J14FJ	SCREW	
	XYN4+J30FJ	SCREW	
	XZBT6506	POLY BAG	DZ12000U/D12000U/DW100U
[INTEGRATED CIRCUIT]			
IC2000	C0DBAFA00030	I.C	
IC2001	C0DBEFH00001	I.C	
IC2002	C1ZBZ0002976	I.C	
IC2003	C0DBZFG00055	I.C	
IC2005	C1AB00002652	I.C	
IC2006	C3ABQJ000058	I.C	
IC2007	C3ABQJ000058	I.C	
IC2009	C0CBAAE00056	I.C	
IC2010	TVRP164	I.C	
IC2501	C0JBAB000621	I.C	
IC2503	C0JBAB000336	I.C	
IC2504	C0JBAB000315	I.C	
IC2505	C0JBAB000315	I.C	
IC2506	C0JBAB000417	I.C	
IC2507	C0JBAA000377	I.C	
IC2508	C0JBAB000621	I.C	
IC2509	C0JBAB000621	I.C	
IC2510	C0JBAA000377	I.C	
IC2511	C0JBAA000377	I.C	
IC2512	C0JBAB000621	I.C	
IC2513	C0JBAB000621	I.C	
IC2514	C0JBAB000621	I.C	
IC2515	C0JBAB000621	I.C	
IC2516	C0JBAB000851	I.C	
IC2517	C0JBAB000621	I.C	
IC2604	C0JBAB000417	I.C	
IC2605	C0JBAB000417	I.C	
IC2609	C0JBAB000417	I.C	
IC2610	C0JBAB000417	I.C	
IC2611	TVRQ036	I.C	
IC2612	C3ABPJ000065	I.C	
IC2613	C0DBFFD00003	I.C	
IC2614	C0CBCBF00005	I.C	
IC2615	C2DBYJ000012	I.C	
IC2617	C0JBAZ001633	I.C	
IC2618	C3EBLC000034	I.C	
IC2619	C3EBLC000034	I.C	
IC2620	C0EBB0000198	I.C	
IC2629	C0JBAA000377	I.C	
IC2630	C0JBAA000377	I.C	
IC2632	C0JBAZ001992	I.C	

Ref. No.	Part No.	Part Name & Description	Remarks
IC2635	C0JBAF000315	I.C	
IC2636	C0JBAF000315	I.C	
IC2637	C0JBAA000336	I.C	
IC2638	C0JBAA000377	I.C	
IC3001	C1AB00001466	I.C	
IC3002	C1AB00000352	I.C	
IC3003	C1AB00001248	I.C	
IC3004	C0CBABC00160	I.C	
IC3005	C0CBCBG00013	I.C	
IC3006	C0EBB0000198	I.C	
IC3007	C3ABMG000227	I.C	
IC3008	C1AB00002156	I.C	
IC3009	C3EBCC000071	I.C	
IC3010	C0JBAR000419	I.C	
IC3011	C0JBAR000419	I.C	
IC3012	C0JBAR000419	I.C	
IC3013	C0CBCAG00015	I.C	
IC3015	C0FBAY000031	I.C	
IC3016	C1AA00000705	I.C	
IC3017	C0JBAA000336	I.C	
IC3019	C0JBAZ000852	I.C	
IC3020	C3EBDC000067	I.C	
IC3021	C0JBAS000206	I.C	
IC3022	C0DBZGF00002	I.C	
IC3023	C1AB00002291	I.C	
IC3024	C0CBCAD00015	I.C	
IC3025	C0CBABB00029	I.C	
IC3027	C0JBAB000613	I.C	
IC3028	C0JBAA000336	I.C	
IC6001	C0JBAB000621	I.C	
IC6002	C0JBAZ000851	I.C	
IC6003	C0JBAB000621	I.C	
IC6004	C0ZBZ0001361	I.C	
IC6005	C0JBAZ000851	I.C	
IC6006	C0JBAB000124	I.C	
IC6007	C0JBAA000336	I.C	
IC6008	C0JBAA000336	I.C	
IC6009	C1DB00000614	I.C	
IC6010	C0JBAZ000801	I.C	
IC6011	C0JBAZ000801	I.C	
IC6012	C0JBAZ000801	I.C	
IC6013	C0JBAZ000801	I.C	
IC6014	C0JBAZ000801	I.C	
IC6201	C1ZBZ0003314	I.C	
IC6202	C0DBZFG00055	I.C	
IC6203	C0CBCAC00161	I.C	
IC6204	C0JBAZ002190	I.C	
IC6501	C0CBCYG00004	I.C	
IC6502	C0CBCYG00004	I.C	
IC6503	C0DBAYY00397	I.C	
IC6504	C0DBAYY00397	I.C	
IC6505	C0CBCYG00004	I.C	
IC6506	C0CBCYG00004	I.C	
IC6507	C0CBCYG00004	I.C	
IC6508	C0CBCYG00004	I.C	
IC6509	C0FBBD000183	I.C	
IC6510	TVRQ037	I.C	
IC6511	C0ABCA000085	I.C	
IC6512	C1BB00000818	I.C	
IC6513	C0CBCYG00004	I.C	
IC6514	C0GBG0000066	I.C	
IC6515	C0GBG0000066	I.C	
IC6516	C0DBAYY00397	I.C	
IC6518	C0GBG0000066	I.C	
IC6519	C0FBBD000183	I.C	
IC6521	C0DBAYY00397	I.C	
IC6522	C0DBAKH00003	I.C	
IC6523	C0DBAYY00397	I.C	
IC6524	C0CBCYG00004	I.C	
IC6525	C0CBCYG00004	I.C	
IC6526	C0CBCYG00004	I.C	
IC6527	C0CBCYG00004	I.C	
IC6552	C0CBCYG00004	I.C	

Ref. No.	Part No.	Part Name & Description	Remarks
IC9601	MIP0222SUL	I.C	
IC9602	C0ZBZ0001462	I.C (B-PCB)	
IC9603	C0ZBZ0001462	I.C (B-PCB)	
IC9902	C0GBA0000002	I.C	
[TRANSISTORS]			
Q2000	B1DHDC000028	TRANSISTOR	
Q2503	B1ABCF000020	TRANSISTOR	
Q2504	B1ABCF000020	TRANSISTOR	
Q2505	B1CBHD000001	TRANSISTOR	
Q2506	B1CBHD000001	TRANSISTOR	
Q2507	B1CBHD000001	TRANSISTOR	
Q2508	B1CBHD000001	TRANSISTOR	
Q2509	B1ABCF000020	TRANSISTOR	
Q2510	B1ABCF000020	TRANSISTOR	
Q2511	B1ABCF000020	TRANSISTOR	
Q2512	B1ABCF000020	TRANSISTOR	
Q2513	B1ABCF000020	TRANSISTOR	
Q2514	B1ABCF000020	TRANSISTOR	
Q2515	B1ABCF000020	TRANSISTOR	
Q2516	B1ABCF000020	TRANSISTOR	
Q2517	B1ABCF000020	TRANSISTOR	
Q2518	B1ADCF000063	TRANSISTOR	
Q2519	B1ADCF000063	TRANSISTOR	
Q2520	B1ADCF000063	TRANSISTOR	
Q2521	B1ADCF000063	TRANSISTOR	
Q2522	B1ADCF000063	TRANSISTOR	
Q2523	B1ADCF000063	TRANSISTOR	
Q2524	B1ABCF000020	TRANSISTOR	
Q2525	B1ABCF000020	TRANSISTOR	
Q2526	B1ADCF000063	TRANSISTOR	
Q2527	B1ADCF000063	TRANSISTOR	
Q2528	B1ADCF000063	TRANSISTOR	
Q2529	B1ADCF000063	TRANSISTOR	
Q2530	B1ABCF000020	TRANSISTOR	
Q2531	B1ABCF000020	TRANSISTOR	
Q2532	B1ABCF000020	TRANSISTOR	
Q2533	B1ABCF000020	TRANSISTOR	
Q2534	B1ABCF000020	TRANSISTOR	
Q2535	B1ABCF000020	TRANSISTOR	
Q2536	B1ABCF000020	TRANSISTOR	
Q2537	B1ABCF000020	TRANSISTOR	
Q2538	B1ABCF000020	TRANSISTOR	
Q2539	B1ADCF000063	TRANSISTOR	
Q2540	B1ADCF000063	TRANSISTOR	
Q2541	B1ADCF000063	TRANSISTOR	
Q2542	B1ADCF000063	TRANSISTOR	
Q2543	B1ADCF000063	TRANSISTOR	
Q2544	B1ADCF000063	TRANSISTOR	
Q2545	B1ABCF000020	TRANSISTOR	
Q2546	B1ABCF000020	TRANSISTOR	
Q2547	B1ADCF000063	TRANSISTOR	
Q2548	B1ADCF000063	TRANSISTOR	
Q2549	B1ADCF000063	TRANSISTOR	
Q2550	B1ADCF000063	TRANSISTOR	
Q2551	B1ADCF000063	TRANSISTOR	
Q2560	B1ABCF000020	TRANSISTOR	
Q2561	B1ABCF000020	TRANSISTOR	
Q3002	B1ABCF000020	TRANSISTOR	
Q3003	XP0460100L	TRANSISTOR	
Q3004	2SK198R	TRANSISTOR	
Q3005	B1ABCF000020	TRANSISTOR	
Q3006	B1ADCF000063	TRANSISTOR	
Q3007	B1ABCF000020	TRANSISTOR	
Q3008	B1ABCF000020	TRANSISTOR	
Q3009	B1ADCF000063	TRANSISTOR	
Q3010	XP0460100L	TRANSISTOR	
Q3011	XP0460100L	TRANSISTOR	
Q3012	B1ABBB000089	TRANSISTOR	
Q3013	B1ABCF000020	TRANSISTOR	
Q3014	B1ABBB000089	TRANSISTOR	
Q3015	B1ABCF000020	TRANSISTOR	

Ref. No.	Part No.	Part Name & Description	Remarks
Q3016	B1ABCF000020	TRANSISTOR	
Q3017	B1ABCF000020	TRANSISTOR	
Q3018	B1ABBB000089	TRANSISTOR	
Q3019	B1ABCF000020	TRANSISTOR	
Q3020	B1ABBB000089	TRANSISTOR	
Q3021	B1ABCF000020	TRANSISTOR	
Q3022	B1ABBB000089	TRANSISTOR	
Q3023	B1ABCF000020	TRANSISTOR	
Q3024	B1ABBB000089	TRANSISTOR	
Q3025	B1ABCF000020	TRANSISTOR	
Q3026	B1ABBB000089	TRANSISTOR	
Q3027	B1ABCF000020	TRANSISTOR	
Q3028	XP0460100L	TRANSISTOR	
Q3029	B1ABBB000089	TRANSISTOR	
Q3030	B1ABCF000020	TRANSISTOR	
Q3031	XP0460100L	TRANSISTOR	
Q3032	B1ABCF000020	TRANSISTOR	
Q3033	B1ABCF000020	TRANSISTOR	
Q3034	B1ABCF000020	TRANSISTOR	
Q3035	XP0650100L	TRANSISTOR	
Q3036	XP0650100L	TRANSISTOR	
Q3037	B1ADCF000063	TRANSISTOR	
Q3038	B1ADCF000063	TRANSISTOR	
Q3039	XP0640100L	TRANSISTOR	
Q3040	XP0640100L	TRANSISTOR	
Q3041	B1ABCF000020	TRANSISTOR	
Q3042	XP0650100L	TRANSISTOR	
Q3043	B1CBHD000001	TRANSISTOR	
Q3044	B1CBHD000001	TRANSISTOR	
Q3045	B1ABCF000020	TRANSISTOR	
Q3051	B1ADCF000063	TRANSISTOR	
Q3052	B1ABCF000020	TRANSISTOR	
Q3053	B1ADCF000063	TRANSISTOR	
Q6001	2SD1819A	TRANSISTOR	
Q6002	2SB1218A	TRANSISTOR	
Q6003	B1CBGD000001	TRANSISTOR	
Q6004	B1CBGD000001	TRANSISTOR	
Q6005	2SD1819A	TRANSISTOR	
Q6006	2SD1819A	TRANSISTOR	
Q6007	2SB0710AWL	TRANSISTOR (B-PCB)	
Q6008	2SB1218A	TRANSISTOR	
Q6009	B1CBGD000001	TRANSISTOR	
Q6010	B1CBGD000001	TRANSISTOR	
Q6201	2SB1218A	TRANSISTOR	
Q6202	2SB1218A	TRANSISTOR	
Q6203	2SB1218A	TRANSISTOR	
Q6204	2SB1218A	TRANSISTOR	
Q6205	B1CBGD000001	TRANSISTOR	
Q6501	2SD1819A	TRANSISTOR	
Q6502	2SD1819A	TRANSISTOR	
Q6503	2SD1819A	TRANSISTOR	
Q6505	2SD1819A	TRANSISTOR	
Q6506	2SD1819A	TRANSISTOR	
Q6512	2SD1819A	TRANSISTOR	
Q6513	2SD1819A	TRANSISTOR	
Q6514	2SD1819A	TRANSISTOR	
Q6515	B1ABCF000020	TRANSISTOR	
Q6516	B1CBGD000001	TRANSISTOR	
Q6517	B1CBGD000001	TRANSISTOR	
Q6518	B1ABCF000020	TRANSISTOR	
Q6519	B1ABCF000020	TRANSISTOR	
Q6520	B1ADCF000063	TRANSISTOR	
Q6521	B1CBGD000001	TRANSISTOR	
Q6522	B1CBGD000001	TRANSISTOR	
Q6523	B1CBGD000001	TRANSISTOR	
Q6524	B1CBGD000001	TRANSISTOR	
Q6525	B1CBGD000001	TRANSISTOR	
Q6530	B1CBGD000001	TRANSISTOR	
Q6531	B1CBGD000001	TRANSISTOR	
Q6812	2SD601A-R	TRANSISTOR	
Q6813	2SD1819A	TRANSISTOR	
Q9601	2SD1819A	TRANSISTOR	
Q9602	2SB1218A	TRANSISTOR	

Ref. No.	Part No.	Part Name & Description	Remarks
Q9603	B1DEGQ000037	TRANSISTOR	
Q9604	2SB0710AWL	TRANSISTOR (B-PCB)	
Q9605	2SB0710AWL	TRANSISTOR (B-PCB)	
Q9606	B1CERQ000036	TRANSISTOR	
Q9607	B1CERQ000036	TRANSISTOR	
Q9608	2SB0710AWL	TRANSISTOR (B-PCB)	
Q9609	2SB0710AWL	TRANSISTOR (B-PCB)	
Q9610	B1CERQ000036	TRANSISTOR	
Q9611	B1CERQ000036	TRANSISTOR	
Q9612	2SD1819A	TRANSISTOR	
Q9614	B1DEGQ000037	TRANSISTOR	
Q9615	B1DEGQ000037	TRANSISTOR	
[DIODES]			
D2000	B0JCPD000026	DIODE	
D2501	MA152WK	DIODE	
D2502	MA152WK	DIODE	
D2503	MA157A	DIODE	
D2504	MA157A	DIODE	
D2505	MA157A	DIODE	
D2506	MA157A	DIODE	
D2507	MA157A	DIODE	
D2508	MA157A	DIODE	
D2509	MA157A	DIODE	
D2510	MA157A	DIODE	
D3001	MA157A	DIODE	
D3002	MA157A	DIODE	
D3003	MA157A	DIODE	
D3004	MA157A	DIODE	
D3005	MA157A	DIODE	
D3006	MA157A	DIODE	
D3009	MAZ80560ML	DIODE	
D3010	EZJZ0V171AA	VARISTOR	
D3011	EZJZ0V171AA	VARISTOR	
D3012	EZJZ0V171AA	VARISTOR	
D3013	EZJZ0V80008B	VARISTOR	
D3014	EZJZ0V80008B	VARISTOR	
D3015	MA157A	DIODE	
D3016	MA157A	DIODE	
D3017	MA157A	DIODE	
D3018	MA157A	DIODE	
D3019	MA157A	DIODE	
D3020	MA157A	DIODE	
D3021	MA157A	DIODE	
D3022	MA157A	DIODE	
D3023	MA157A	DIODE	
D3024	MA157A	DIODE	
D3025	MA157A	DIODE	
D3026	MA157A	DIODE	
D3027	MA157A	DIODE	
D3028	MA157A	DIODE	
D3029	MA152WK	DIODE	
D3030	MA152WK	DIODE	
D3031	MA152WK	DIODE	
D3032	MA152WK	DIODE	
D3033	MA152WA	DIODE	
D3034	MA152WA	DIODE	
D3035	MA157A	DIODE	
D3036	MA157A	DIODE	
D3040	B0JCGD000002	DIODE	
D3041	EZAEG2A50AX	DIODE	
D3042	EZAEG2A50AX	DIODE	
D3043	B0JCAE000001	DIODE	
D3044	EZAEG2A50AX	DIODE	
D3045	EZAEG2A50AX	DIODE	
D3046	MAZ80560ML	DIODE	
D3047	EZAEG2A50AX	DIODE	
D3048	EZAEG2A50AX	DIODE	
D3049	EZAEG2A50AX	DIODE	
D3050	EZAEG2A50AX	DIODE	
D3051	EZJZ0V171AA	VARISTOR	
D3052	EZJZ0V171AA	VARISTOR	

Ref. No.	Part No.	Part Name & Description	Remarks
D3053	EZJZ0V171AA	VARISTOR	
D3054	MA152WK	DIODE	
D3056	B0JCAE000001	DIODE	
D3057	B0JCGD000002	DIODE	
D6001	MA3J142E0L	DIODE	
D6002	MA3J142E0L	DIODE	
D6003	B0BC5R600003	DIODE	
D6004	MA3J142E0L	DIODE	
D6005	MA3J142E0L	DIODE	
D6007	MA3J142E0L	DIODE	
D6008	MA3J142E0L	DIODE	
D6009	LNJ107W5ARA1	LED	
D6010	LNJ308G8TRA	LED	
D6011	LNJ308G8TRA	LED	
D6012	B0BC5R600003	DIODE	
D6013	B0BC5R600003	DIODE	
D6014	B0BC5R600003	DIODE	
D6015	B0BC5R600003	DIODE	
D6016	B0BC5R600003	DIODE	
D6017	B0BC5R600003	DIODE	
D6018	B0BC5R600003	DIODE	
D6019	B0BC5R600003	DIODE	
D6201	MA152WK	DIODE	
D6202	MA152WK	DIODE	
D6203	MA152WK	DIODE	
D6204	MA152WK	DIODE	
D6205	MA152WK	DIODE	
D6206	MA152WK	DIODE	
D6207	MA152WK	DIODE	
D6208	MA152WK	DIODE	
D6501	B0HCMM000014	DIODE	
D6502	B0HCMM000014	DIODE	
D6503	B0JCPE000015	DIODE	
D6504	B0JCPE000015	DIODE	
D6505	B0JCPE000015	DIODE	
D6506	MA2J11300L	DIODE	
D6507	MA2J11300L	DIODE	
D6508	MA2J11300L	DIODE	
D6509	MA2J72800L	DIODE	
D6510	MA3J142E0L	DIODE	
D6511	MA3J142E0L	DIODE	
D6512	B0JCPE000015	DIODE	
D6513	B0JCPE000015	DIODE	
D6514	MA3J14700L	DIODE	
D6515	MA3J142E0L	DIODE	
D6516	B0HCMM000014	DIODE	
D6517	B0HCMM000014	DIODE	
D6518	MA3J14700L	DIODE	
D6519	MA3J14700L	DIODE	
D6523	B0JCPD000026	DIODE	
D6524	B0JCPD000026	DIODE	
D6525	B0JCPD000026	DIODE	
D6527	MA6X12500L	DIODE	
D6528	MA3J14700L	DIODE	
D6529	MA3J14700L	DIODE	
D6530	MA3J14700L	DIODE	
D6531	MA3J14700L	DIODE	
D6532	B0JCPD000026	DIODE	
D6533	B0JCPD000026	DIODE	
D6605	B0JCPD000026	DIODE	
D6801	B0JCPE000015	DIODE	
D6802	B0JCPD000026	DIODE	
D6803	MA2J11300L	DIODE	
D6805	B0JCPD000026	DIODE	
D6806	MA2J11300L	DIODE	
D6807	B0JCPE000015	DIODE	
D9601	BOHASR000006	DIODE	
D9602	MA2Z72000L	DIODE	
D9604	MA158TX	DIODE	
D9605	MA2Z72000L	DIODE	
D9606	MA158TX	DIODE	
D9607	MA2Z72000L	DIODE	
D9608	MA158TX	DIODE	

Ref. No.	Part No.	Part Name & Description	Remarks
D9609	MA2Z72000L	DIODE	
D9611	MA158TX	DIODE	
D9612	MA2Z72000L	DIODE	
D9613	B0EAVJ000002	DIODE	
D9614	B0EAVJ000002	DIODE	
D9616	B0ECHP000003	DIODE	
D9617	MA2Z72000L	DIODE	
D9618	MA2Z72000L	DIODE	
D9619	MA2Z72000L	DIODE	
D9620	MA2Z72000L	DIODE	
D9621	MA2Z72000L	DIODE	
D9622	B0ECHP000003	DIODE	
D9623	B0ECHP000003	DIODE	
D9624	MA2Z72000L	DIODE	
D9625	MA2Z72000L	DIODE	
D9626	MA2Z72000L	DIODE	
D9627	MA2Z72000L	DIODE	
D9628	MA2Z72000L	DIODE	
D9629	B0ECHP000003	DIODE	
D9650	B0EAKB000004	DIODE	
D9651	MAZ30910ML	DIODE	
D9652	B0ECHP000003	DIODE	
D9653	B0ECHP000003	DIODE	
[COILS]			
L2001	J0JHC0000078	EMI FILTER	
L2002	J0JHC0000078	EMI FILTER	
L2009	J0JHC0000078	EMI FILTER	
L2010	G1C220MA0226	COIL	
L2011	ELJFA470JFB	FILTER	
L2012	J0JHC0000078	EMI FILTER	
L2013	J0JHC0000078	EMI FILTER	
L2014	J0JJC0000022	EMI FILTER	
L2015	J0JJC0000022	EMI FILTER	
L2501	J0JHC0000078	EMI FILTER	
L2502	G1C100K00031	INDUCTOR	
L2503	J0JHC0000078	EMI FILTER	
L3001	J0JDC0000081	FILTER	
L3004	ELJFA470JFB	FILTER	
L3006	J0JHC0000068	FILTER	
L3007	J0JHC0000068	FILTER	
L3008	ELJFA470JFB	FILTER	
L3013	ELJFA470JFB	FILTER	
L3014	ELJFA470JFB	FILTER	
L3015	ELJFA470JFB	FILTER	
L3019	J0JHC0000078	EMI FILTER	
L3020	J0JHC0000078	EMI FILTER	
L3021	J0JHC0000078	EMI FILTER	
L3022	J0JHC0000078	EMI FILTER	
L3023	J0JHC0000078	EMI FILTER	
L3024	J0JHC0000078	EMI FILTER	
L3025	J0JHC0000078	EMI FILTER	
L3026	J0JHC0000078	EMI FILTER	
L3027	J0JHC0000078	EMI FILTER	
L3028	J0JDC0000081	FILTER	
L3029	J0JHC0000078	EMI FILTER	
L3030	J0JHC0000078	EMI FILTER	
L3032	J0JDC0000081	FILTER	
L3033	J0JHC0000078	EMI FILTER	
L3034	J0JHC0000078	EMI FILTER	
L3035	J0JHC0000078	EMI FILTER	
L3036	J0JHC0000078	EMI FILTER	
L3037	J0JHC0000078	EMI FILTER	
L3042	J0JHC0000078	EMI FILTER	
L3043	J0JHC0000078	EMI FILTER	
L3046	J0JHC0000078	EMI FILTER	
L3047	J0JHC0000078	EMI FILTER	
L3048	ELJFA470JFB	FILTER	
L3049	ELJFA470JFB	FILTER	
L3051	G1C2R2MA0061	INDUCTOR	
L3053	G1C3R3MA0061	INDUCTOR	
L3054	J0JHC0000078	EMI FILTER	

Ref. No.	Part No.	Part Name & Description	Remarks
L3055	G1C3R3MA0061	INDUCTOR	
L6200	J0JCC0000168	FILTER	
L6201	J0JCC0000168	FILTER	
L6501	G1C470M00022	INDUCTOR	
L6502	G1C470M00022	INDUCTOR	
L6503	G1C100MA0291	INDUCTOR	
L6504	G1C100MA0291	INDUCTOR	
L6505	G1C100MA0291	INDUCTOR	
L6507	J0JHC0000078	EMI FILTER	
L6508	J0JHC0000078	EMI FILTER	
L6509	J0JCC0000168	FILTER	
L6510	J0JCC0000168	FILTER	
L6511	J0JCC0000168	FILTER	
L6512	J0JHC0000078	EMI FILTER	
L6513	J0JCC0000168	FILTER	
L6514	J0JCC0000168	FILTER	
L6516	J0JHC0000078	EMI FILTER	
L6517	J0JHC0000078	EMI FILTER	
L6519	J0JCC0000168	FILTER	
L6520	J0JCC0000168	FILTER	
L6521	J0JCC0000168	FILTER	
L6522	J0JCC0000168	FILTER	
L6523	J0JCC0000168	FILTER	
L6524	J0JCC0000168	FILTER	
L6525	J0JHC0000078	EMI FILTER	
L6526	J0JHC0000078	EMI FILTER	
L6527	J0JHC0000078	EMI FILTER	
L6528	J0JHC0000078	EMI FILTER	
L6529	J0JHC0000078	EMI FILTER	
L6530	J0JHC0000078	EMI FILTER	
L6531	J0JHC0000078	EMI FILTER	
L6532	G1C330M00016	INDUCTOR	
L6533	G1C330M00016	INDUCTOR	
L6538	J0JHC0000078	EMI FILTER	
L6539	J0JHC0000078	EMI FILTER	
L6541	J0JHC0000078	EMI FILTER	
L6801	G1C100MA0291	INDUCTOR	
L6802	G1C470M00022	INDUCTOR	
L6806	G1C100MA0291	INDUCTOR	
L6809	J0JCC0000168	FILTER	
L6810	J0JCC0000168	FILTER	
L6821	J0JCC0000168	FILTER	
L6822	J0JCC0000168	FILTER	
L6823	J0JCC0000168	FILTER	
L6824	J0JCC0000168	FILTER	
L6825	J0JCC0000168	FILTER	
L6826	J0JHC0000078	EMI FILTER	
L6828	J0JHC0000078	EMI FILTER	
L6829	J0JHC0000078	EMI FILTER	
L6832	J0JCC0000168	FILTER	
L6839	J0JHC0000078	EMI FILTER	
L6841	J0JHC0000078	EMI FILTER	
L9603	G4BYA0000009	PULSE TRANS	
FL2000	F1J1A1050020	FILTER	
FL2001	F1J1A1050020	FILTER	
FL2500	F1J1A1050020	FILTER	
FL2519	J0HAAB000036	FILTER	
FL2520	J0HAAB000036	FILTER	
FL2521	J0HAAB000036	FILTER	
FL2522	J0HAAB000040	FILTER	
FL2523	J0HAAB000036	FILTER	
FL2524	J0HAAB000040	FILTER	
FL2525	J0HAAB000040	FILTER	
FL2526	J0HAAB000036	FILTER	
FL2527	J0HAAB000036	FILTER	
FL2528	J0HAAB000040	FILTER	
FL2529	J0HAAB000040	FILTER	
FL2530	J0HAAB000040	FILTER	
FL2531	J0HAAB000040	FILTER	
FL2532	J0HAAB000036	FILTER	
FL2533	J0HAAB000040	FILTER	
FL2534	J0HAAB000040	FILTER	
FL2535	J0HAAB000040	FILTER	

Ref. No.	Part No.	Part Name & Description	Remarks
FL2536	J0HAAB000040	FILTER	
FL2537	J0HAAB000036	FILTER	
FL2538	J0HAAB000036	FILTER	
FL2539	J0HAAB000036	FILTER	
FL2540	J0HAAB000036	FILTER	
FL3001	J0HABC000009	FILTER	
FL3002	J0HABC000009	FILTER	
FL3003	J0HABC000009	FILTER	
FL3004	J0HABC000009	FILTER	
FL3005	F1J1A1050020	FILTER	
FL3006	F1J1A1050020	FILTER	
FL3007	F1J1A1050020	FILTER	
FL3008	F1J1A1050020	FILTER	
FL3009	F1J1A1050020	FILTER	
FL3010	F1J1A1050020	FILTER	
FL3011	F1J1E104A148	FILTER	
FL3012	F1J1A1050020	FILTER	
FL3013	F1J1A1050020	FILTER	
FL3014	F1J1E104A148	FILTER	
FL3015	F1J1A1050020	FILTER	
FL3016	F1J1A1050020	FILTER	
FL3017	F1J1A1050020	FILTER	
FL3018	F1J1A1050020	FILTER	
FL3019	F1J1E104A148	FILTER	
FL3020	J0HABC000011	FILTER	
FL3021	J0HABC000011	FILTER	
FL3022	J0HABC000011	FILTER	
FL3023	J0HABC000009	FILTER	
FL3024	J0HABC000009	FILTER	
FL3025	J0HABC000011	FILTER	
FL3026	J0HABC000011	FILTER	
FL3027	J0HABC000011	FILTER	
FL3028	J0HABC000009	FILTER	
FL3029	J0HABC000009	FILTER	
FL3030	J0HAAB000036	FILTER	
FL3031	J0HAAB000036	FILTER	
FL3032	J0HAAB000036	FILTER	
FL3033	J0HAAB000036	FILTER	
FL6013	ELKE101FA	EMI FILTER	
FL6014	ELKE101FA	EMI FILTER	
FL6015	ELKE101FA	EMI FILTER	
FL6016	ELKE101FA	EMI FILTER	
FL6017	J0HAAB000036	FILTER	
FL6018	J0HAAB000036	FILTER	
FL6019	J0HAAB000036	FILTER	
FL6020	J0HAAB000036	FILTER	
FL6021	J0HAAB000036	FILTER	
FL6024	J0HAAB000036	FILTER	
FL6025	J0HAAB000036	FILTER	
FL6027	J0HAAB000036	FILTER	
FL6028	J0HAAB000040	FILTER	
FL6029	J0HAAB000040	FILTER	
FL6030	J0HAAB000036	FILTER	
FL6031	J0HAAB000036	FILTER	
FL6032	J0HAAB000040	FILTER	
FL6033	J0HAAB000040	FILTER	
FL6034	J0HAAB000036	FILTER	
FL6035	J0HAAB000040	FILTER	
FL6036	J0HAAB000040	FILTER	
FL6037	J0HAAB000036	FILTER	
FL6038	J0HAAB000036	FILTER	
FL6039	J0HAAB000040	FILTER	
FL6040	J0HAAB000040	FILTER	
FL6041	F1J1A1050020	FILTER	
FL6042	J0HAAB000040	FILTER	
FL6043	J0HAAB000040	FILTER	
FL6044	F1J1A1050020	FILTER	
FL6045	J0HAAB000040	FILTER	
FL6046	J0HAAB000040	FILTER	
FL6047	J0HAAB000036	FILTER	
FL6048	J0HAAB000036	FILTER	
FL6049	J0HAAB000036	FILTER	
FL6050	J0HAAB000040	FILTER	

Ref. No.	Part No.	Part Name & Description	Remarks
FL6051	JOHAAB000040	FILTER	
FL6052	JOHAAB000040	FILTER	
FL6053	JOHAAB000040	FILTER	
FL6054	FLJ1A1050020	FILTER	
FL6056	JOHAAB000040	FILTER	
FL6057	JOHAAB000040	FILTER	
FL6058	JOHAAB000040	FILTER	
FL6059	JOHAAB000040	FILTER	
FL6060	JOHAAB000040	FILTER	
FL6061	JOHAAB000040	FILTER	
FL6062	JOHAAB000040	FILTER	
FL6063	JOHAAB000040	FILTER	
FL6064	JOHAAB000040	FILTER	
FL6065	JOHAAB000040	FILTER	
FL6066	JOHAAB000040	FILTER	
FL6067	JOHAAB000040	FILTER	
FL6068	JOHAAB000040	FILTER	
FL6069	JOHAAB000040	FILTER	
FL6070	JOHAAB000040	FILTER	
FL6071	JOHAAB000040	FILTER	
FL6072	JOHAAB000040	FILTER	
FL6073	JOHAAB000040	FILTER	
FL6074	JOHAAB000040	FILTER	
FL6075	JOHAAB000040	FILTER	
FL6076	JOHAAB000040	FILTER	
FL6077	JOHAAB000040	FILTER	
FL6078	JOHAAB000040	FILTER	
FL6079	JOHAAB000040	FILTER	
FL6080	JOHAAB000036	FILTER	
FL6081	JOHAAB000036	FILTER	
FL6506	FLJ1E104A148	FILTER	
FL6507	FLJ1E104A148	FILTER	
FL6509	FLJ1E104A148	FILTER	
FL6510	FLJ1E104A148	FILTER	
FL6511	FLJ1E104A148	FILTER	
FL6512	FLJ1E104A148	FILTER	
FL6513	FLJ1E104A148	FILTER	
FL6516	FLJ1E104A148	FILTER	
FL6517	ELKE101FA	EMI FILTER	
FL6518	ELKE101FA	EMI FILTER	
FL6519	FLJ1E104A148	FILTER	
FL6520	FLJ1E104A148	FILTER	
FL6521	FLJ1E104A148	FILTER	
FL6522	FLJ1E104A148	FILTER	
FL6523	FLJ1E104A148	FILTER	
FL6524	FLJ1E104A148	FILTER	
FL6525	FLJ1E104A148	FILTER	
FL6526	FLJ1E104A148	FILTER	
FL6527	FLJ1E104A148	FILTER	
FL6528	FLJ1E104A148	FILTER	
FL6529	FLJ1E104A148	FILTER	
FL6530	FLJ1E104A148	FILTER	
FL6531	FLJ1E104A148	FILTER	
FL6532	FLJ1E104A148	FILTER	
FL6533	FLJ1E104A148	FILTER	
FL6534	FLJ1E104A148	FILTER	
FL6535	JOHAAB000036	FILTER	
FL6536	JOHAAB000036	FILTER	
FL6537	JOHAAB000036	FILTER	
FL6538	JOHAAB000036	FILTER	
FL6539	JOHAAB000036	FILTER	
FL6540	JOHAAB000036	FILTER	
FL6541	JOHAAB000036	FILTER	
FL6542	JOHAAB000036	FILTER	
FL6809	FLJ1E104A148	FILTER	
FL6811	FLJ1E104A148	FILTER	
FL6817	ELKE101FA	EMI FILTER	
FL6818	ELKE101FA	EMI FILTER	
FL6819	FLJ1E104A148	FILTER	
FL6820	FLJ1E104A148	FILTER	
FL6822	FLJ1E104A148	FILTER	
[RESISTORS]			

Ref. No.	Part No.	Part Name & Description	Remarks
R2001	DIHG33080001	RESISTOR	
R2002	DIHG33080001	RESISTOR	
R2003	DIHG33080001	RESISTOR	
R2004	DIHG33080001	RESISTOR	
R2005	DIHG33080001	RESISTOR	
R2006	DIHG33080001	RESISTOR	
R2007	DIHG1528A002	RESISTOR	
R2008	DIHG1528A002	RESISTOR	
R2009	DIHG1528A002	RESISTOR	
R2010	DIHG1528A002	RESISTOR	
R2011	DIHG1528A002	RESISTOR	
R2012	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2013	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2014	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2015	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2016	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2017	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2018	DIHG1528A002	RESISTOR	
R2019	EXB28V220J	RESISTOR ARRAY	
R2020	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	
R2021	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	
R2022	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	
R2023	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	
R2024	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	
R2025	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	
R2026	EXB28V152J	RESISTOR ARRAY	
R2027	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2028	EXB28V330J	RESISTOR ARRAY	
R2029	DIHG2208A002	RESISTOR	
R2030	DIHG2208A002	RESISTOR	
R2031	DIHG2208A002	RESISTOR	
R2032	DIHG2208A002	RESISTOR	
R2033	EXB28V220J	RESISTOR ARRAY	
R2034	DIHG2208A002	RESISTOR	
R2035	EXB28V220J	RESISTOR ARRAY	
R2036	DIHG2208A002	RESISTOR	
R2037	EXB28V220J	RESISTOR ARRAY	
R2038	EXB28V220J	RESISTOR ARRAY	
R2057	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2058	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2059	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2062	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2064	EXB28V220J	RESISTOR ARRAY	
R2065	EXB28V220J	RESISTOR ARRAY	
R2066	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2067	EXB28V220J	RESISTOR ARRAY	
R2068	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2069	EXB28V472J	RESISTOR ARRAY	
R2070	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2071	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R2073	DIHG2208A002	RESISTOR	
R2074	DIHG2208A002	RESISTOR	
R2075	DIHG2208A002	RESISTOR	
R2076	DIHG2208A002	RESISTOR	
R2077	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R2080	ERJ3GEY0R00	M 0 OHM, 1/16W	
R2083	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2084	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2085	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2086	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2101	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2102	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2103	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2104	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2105	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2109	ERJ3GEYJ100	M 10 OHM, J, 1/16W	
R2110	ERJ3GEYJ100	M 10 OHM, J, 1/16W	
R2111	ERJ3GEYJ100	M 10 OHM, J, 1/16W	
R2120	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2125	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2126	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2127	ERJ3GEYJ220	M 22 OHM, J, 1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R2128	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2129	ERJ3GEY0R00	M 0 OHM, 1/16W	
R2130	EXB28V472J	RESISTOR ARRAY	
R2134	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2150	ERJ2GE0R00X	M 0 OHM, 0.063W	
R2155	EXB28V472J	RESISTOR ARRAY	
R2157	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R2162	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R2163	D1HG2208A002	RESISTOR	
R2164	D1HG2208A002	RESISTOR	
R2165	D1HG2208A002	RESISTOR	
R2166	D1HG2208A002	RESISTOR	
R2167	ERJ3GEYJ390	M 39 OHM, J, 1/16W	
R2168	ERJ3GEYJ390	M 39 OHM, J, 1/16W	
R2169	EXB28V100J	RESISTOR ARRAY	
R2170	EXB28V100J	RESISTOR ARRAY	
R2171	EXB28V100J	RESISTOR ARRAY	
R2172	EXB28V100J	RESISTOR ARRAY	
R2173	EXB28V100J	RESISTOR ARRAY	
R2174	ERJ3EKF56R0	M 56 OHM, 0.063W	
R2175	ERJ3EKF56R0	M 56 OHM, 0.063W	
R2176	ERJ3EKF56R0	M 56 OHM, 0.063W	
R2177	ERJ3EKF56R0	M 56 OHM, 0.063W	
R2178	ERJ3EKF22R0	RESISTOR	
R2179	ERJ3EKF22R0	RESISTOR	
R2180	ERJ3EKF56R0	M 56 OHM, 0.063W	
R2181	ERJ3EKF56R0	M 56 OHM, 0.063W	
R2182	ERJ3EKF56R0	M 56 OHM, 0.063W	
R2183	ERJ3EKF56R0	M 56 OHM, 0.063W	
R2184	ERJ3EKF22R0	RESISTOR	
R2185	ERJ3EKF22R0	RESISTOR	
R2186	EXB28V390JX	RESISTOR ARRAY	
R2187	EXB28V390JX	RESISTOR ARRAY	
R2188	EXB28V390JX	RESISTOR ARRAY	
R2189	EXB28V390JX	RESISTOR ARRAY	
R2190	EXB28V390JX	RESISTOR ARRAY	
R2191	EXB28V390JX	RESISTOR ARRAY	
R2192	EXB28V390JX	RESISTOR ARRAY	
R2193	EXB28V390JX	RESISTOR ARRAY	
R2194	EXB28V390JX	RESISTOR ARRAY	
R2195	EXB28V390JX	RESISTOR ARRAY	
R2196	EXB28V390JX	RESISTOR ARRAY	
R2197	EXB28V390JX	RESISTOR ARRAY	
R2198	EXB28V390JX	RESISTOR ARRAY	
R2199	EXB28V390JX	RESISTOR ARRAY	
R2200	EXB28V390JX	RESISTOR ARRAY	
R2201	EXB28V390JX	RESISTOR ARRAY	
R2202	ERJ3GEYJ680	M 68 OHM, J, 1/16W	
R2203	ERJ3GEYJ680	M 68 OHM, J, 1/16W	
R2204	ERJ3EKF56R0	M 56 OHM, 0.063W	
R2205	ERJ3EKF56R0	M 56 OHM, 0.063W	
R2206	ERJ3GEYJ680	M 68 OHM, J, 1/16W	
R2207	ERJ3GEYJ680	M 68 OHM, J, 1/16W	
R2208	ERJ3GEYJ680	M 68 OHM, J, 1/16W	
R2209	ERJ3GEYJ680	M 68 OHM, J, 1/16W	
R2210	ERJ3GEYJ680	M 68 OHM, J, 1/16W	
R2211	ERJ3EKF1000	M 100 OHM, 1/16W	
R2212	ERJ3EKF1000	M 100 OHM, 1/16W	
R2213	ERJ3EKF1000	M 100 OHM, 1/16W	
R2214	ERJ3EKF1000	M 100 OHM, 1/16W	
R2215	EXB38V680JV	RESISTOR ARRAY	
R2216	EXB38V680JV	RESISTOR ARRAY	
R2217	EXB38V680JV	RESISTOR ARRAY	
R2218	EXB38V680JV	RESISTOR ARRAY	
R2219	EXB38V680JV	RESISTOR ARRAY	
R2220	EXB38V680JV	RESISTOR ARRAY	
R2221	EXB38V680JV	RESISTOR ARRAY	
R2222	EXB38V680JV	RESISTOR ARRAY	
R2223	EXB38V680JV	RESISTOR ARRAY	
R2224	EXB38V680JV	RESISTOR ARRAY	
R2225	EXB38V680JV	RESISTOR ARRAY	
R2226	EXB38V680JV	RESISTOR ARRAY	
R2227	ERJ3EKF56R0	M 56 OHM, 0.063W	

Ref. No.	Part No.	Part Name & Description	Remarks
R2228	ERJ3EKF56R0	M 56 OHM, 0.063W	
R2229	ERJ3GEYJ680	M 68 OHM, J, 1/16W	
R2230	ERJ3GEYJ680	M 68 OHM, J, 1/16W	
R2231	ERJ3GEYJ680	M 68 OHM, J, 1/16W	
R2232	ERJ3GEYJ680	M 68 OHM, J, 1/16W	
R2233	ERJ3EKF1000	M 100 OHM, 1/16W	
R2234	ERJ3EKF1000	M 100 OHM, 1/16W	
R2235	ERJ3EKF1000	M 100 OHM, 1/16W	
R2236	ERJ3EKF1000	M 100 OHM, 1/16W	
R2237	EXB38V680JV	RESISTOR ARRAY	
R2238	EXB38V680JV	RESISTOR ARRAY	
R2239	EXB38V680JV	RESISTOR ARRAY	
R2240	EXB38V680JV	RESISTOR ARRAY	
R2241	EXB38V680JV	RESISTOR ARRAY	
R2242	EXB38V680JV	RESISTOR ARRAY	
R2243	EXB38V680JV	RESISTOR ARRAY	
R2244	EXB38V680JV	RESISTOR ARRAY	
R2245	EXB28VR000	RESISTOR ARRAY	
R2246	ERJ2GE0R00X	M 0 OHM, 0.063W	
R2247	ERJ2GE0R00X	M 0 OHM, 0.063W	
R2248	EXB28VR000	RESISTOR ARRAY	
R2249	ERJ2GE0R00X	M 0 OHM, 0.063W	
R2501	ERJ3GEYJ820	M 82 OHM, J, 1/16W	
R2502	ERJ3GEYJ820	M 82 OHM, J, 1/16W	
R2507	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2508	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2509	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2510	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2511	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R2512	EXB38V472J	RESISTOR ARRAY	
R2513	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R2514	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2515	EXB38V472J	RESISTOR ARRAY	
R2516	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2517	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2518	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2519	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2520	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2521	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2522	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2523	EXB38V472J	RESISTOR ARRAY	
R2524	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2525	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2526	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2527	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2528	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2529	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2530	EXB38V472J	RESISTOR ARRAY	
R2531	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R2532	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R2533	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2534	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2535	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2536	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2537	D1HG33080001	RESISTOR	
R2538	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	
R2539	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	
R2542	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R2543	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2544	ERJ3GEYJ104	M 100KOHM, J, 1/16W	
R2545	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2546	EXB28V330J	RESISTOR ARRAY	
R2547	ERJ3GEYJ273	M 27KOHM, J, 1/16W	
R2548	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2549	D1HG33080001	RESISTOR	
R2550	D1HG33080001	RESISTOR	
R2551	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2552	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2554	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2555	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2556	ERJ3GEYJ820	M 82 OHM, J, 1/16W	
R2557	ERJ3GEYJ271	M 270 OHM, J, 1/16W	
R2562	ERJ3GEY0R00	M 0 OHM, 1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R2563	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2564	ERJ3GEY0R00	M 0 OHM, 1/16W	
R2565	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2567	EXB38V220J	RESISTOR ARRAY	
R2569	EXB38V220J	RESISTOR ARRAY	
R2570	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2572	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R2573	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2574	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2575	ERJ3GEYJ184	M 180KOHM, J, 1/16W	
R2576	ERJ3GEYJ221	M 220 OHM, J, 1/16W	
R2577	ERJ3GEYJ561	M 560 OHM, J, 1/16W	
R2580	ERJ3GEYJ105	M 1M OHM, J, 1/16W	
R2582	D1HG33080001	RESISTOR	
R2583	D1HG33080001	RESISTOR	
R2584	D1HG33080001	RESISTOR	
R2585	D1HG33080001	RESISTOR	
R2588	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2590	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2591	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2592	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2595	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R2597	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R2598	EXB38V102J	RESISTOR ARRAY	
R2599	D1HG33080001	RESISTOR	
R2600	ERJ3GEY0R00	M 0 OHM, 1/16W	
R2601	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2602	ERJ3GEY0R00	M 0 OHM, 1/16W	
R2603	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2604	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2605	D1HG33080001	RESISTOR	
R2606	D1HG33080001	RESISTOR	
R2607	D1HG33080001	RESISTOR	
R2608	D1HG33080001	RESISTOR	
R2609	EXB38V220J	RESISTOR ARRAY	
R2610	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2611	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2612	EXB38V220J	RESISTOR ARRAY	
R2613	D1HG33080001	RESISTOR	
R2614	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2615	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2616	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	
R2617	ERJ3GEYJ822	M 8.2KOHM, J, 1/16W	
R2618	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2619	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2621	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2622	D1HG33080001	RESISTOR	
R2623	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2624	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2625	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R2626	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2627	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R2628	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R2629	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2630	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2631	EXB38V220J	RESISTOR ARRAY	
R2632	EXB38V220J	RESISTOR ARRAY	
R2633	EXB28V330J	RESISTOR ARRAY	
R2634	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2635	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2636	EXB38V220J	RESISTOR ARRAY	
R2637	EXB38V220J	RESISTOR ARRAY	
R2638	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2639	EXB38V220J	RESISTOR ARRAY	
R2640	EXB38V220J	RESISTOR ARRAY	
R2641	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2642	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2643	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	
R2644	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2645	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2646	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2647	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R2648	ERJ3GEYJ220	M 22 OHM, J, 1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R2649	EXB38V220J	RESISTOR ARRAY	
R2650	EXB38V220J	RESISTOR ARRAY	
R2651	EXB38V220J	RESISTOR ARRAY	
R2652	EXB38V220J	RESISTOR ARRAY	
R2653	EXB38V220J	RESISTOR ARRAY	
R2654	EXB38V220J	RESISTOR ARRAY	
R2655	EXB38V220J	RESISTOR ARRAY	
R2656	EXB38VR000	RESISTOR ARRAY	
R2657	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R2658	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R2659	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R2660	ERJ3EKF2202	M 22K OHM, 1/16W	
R2661	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R2662	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2663	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R2664	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R2665	ERJ3GEYJ105	M 1M OHM, J, 1/16W	
R2666	ERJ3EKF2701	M 2.7KOHM, 1/16W	
R2667	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R2668	ERJ3GEYJ105	M 1M OHM, J, 1/16W	
R2669	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2670	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2671	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2672	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2673	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2674	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R2675	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R2676	ERJ3GEYJ105	M 1M OHM, J, 1/16W	
R2677	ERJ3GEYJ392	M 3.9KOHM, J, 1/16W	
R2678	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2679	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2680	ERJ3EKF2202	M 22K OHM, 1/16W	
R2681	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2682	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2683	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2684	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2685	ERJ3GEYJ822	M 8.2KOHM, J, 1/16W	
R2686	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2687	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2688	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R2689	ERJ3EKF2202	M 22K OHM, 1/16W	
R2690	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2691	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R2692	ERJ3EKF2202	M 22K OHM, 1/16W	
R2693	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R2694	ERJ3GEY0R00	M 0 OHM, 1/16W	
R2695	ERJ3GEYJ333	M 33K OHM, J, 1/16W	
R2696	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2697	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2698	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2699	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2700	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2701	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2702	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R2703	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2704	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2705	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R2706	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2707	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2710	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	
R2713	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	
R2716	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	
R2717	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	
R2718	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	
R2719	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	
R2720	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	
R2721	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	
R2722	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2723	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2724	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2725	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R2726	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R2727	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R2728	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2729	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2730	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2731	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2732	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2733	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2734	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2735	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2738	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2739	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2740	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2741	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2742	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2743	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2744	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2745	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2746	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2747	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2748	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2749	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2750	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2751	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2752	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2753	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2754	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R2755	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R2756	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2757	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2758	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2759	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2760	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2761	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2762	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2763	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2764	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2765	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2766	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2767	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R2768	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2769	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2770	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2771	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2772	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2773	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2774	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2775	ERJ3GEYJ681	M 680 OHM,J,1/16W	
R2776	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R2777	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R2778	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R2779	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2780	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2781	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2782	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2783	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2784	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2785	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2786	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2787	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R2788	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2789	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2790	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R2791	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2792	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2795	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2798	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2801	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2802	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2803	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2804	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2805	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2806	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2807	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2808	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R2809	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2810	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2811	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2812	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2813	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2814	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2815	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2816	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2817	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2818	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2819	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2820	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2823	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2824	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2825	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2826	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2827	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2828	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2829	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2830	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2831	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2832	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2833	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2834	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2835	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2836	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2837	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2838	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2839	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R2840	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R2841	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2842	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2843	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2844	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2845	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2846	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2847	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2848	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2849	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2850	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2851	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2852	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2853	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2854	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R2855	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2856	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2857	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R2858	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R2859	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R2860	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R2861	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R2862	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2863	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R2864	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2865	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R2866	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R2867	ERJ3EKF4701	M 4.7KOHM, 0.063W	
R2868	ERJ3EKF4701	M 4.7KOHM, 0.063W	
R2872	ERJ3GEYJ271	M 270 OHM,J,1/16W	
R2873	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R2874	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R2890	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R2891	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2892	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R2893	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R2894	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R2895	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R2896	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R2897	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R3001	ERJ8ENF1500	M 150 OHM 1/8W	
R3002	ERJ8ENF1500	M 150 OHM 1/8W	
R3003	ERJ8ENF1500	M 150 OHM 1/8W	
R3004	ERJ3EKF1500	M 150 OHM, 0.063W	

Ref. No.	Part No.	Part Name & Description	Remarks
R3005	ERJ3EKF1500	M 150 OHM, 0.063W	
R3006	ERJ8ENF1500	M 150 OHM 1/8W	
R3007	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R3008	ERJ8ENF1500	M 150 OHM 1/8W	
R3009	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R3010	ERJ8ENF1500	M 150 OHM 1/8W	
R3011	ERJ3GEYJ100	M 10 OHM,J,1/16W	
R3012	ERJ3GEYJ100	M 10 OHM,J,1/16W	
R3014	ERJ3GEYJ100	M 10 OHM,J,1/16W	
R3016	ERJ3GEYJ100	M 10 OHM,J,1/16W	
R3017	ERJ3GEYJ563	M 56KOHM,J,1/16W	
R3018	ERJ3GEYJ563	M 56KOHM,J,1/16W	
R3020	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R3022	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3023	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3024	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3025	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3026	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3027	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3029	ERJ3GEYJ221	M 220 OHM,J,1/16W	
R3030	ERJ3GEYJ473	M 47K OHM,J,1/16W	
R3031	ERJ3GEYJ563	M 56KOHM,J,1/16W	
R3032	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3033	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3038	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R3039	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R3040	ERJ3GEYJ221	M 220 OHM,J,1/16W	
R3041	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R3042	ERJ3EKF1200	M 120 OHM, 0.063W	
R3043	ERJ3GEYJ153	M 15K OHM,J,1/16W	
R3044	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	
R3045	ERJ3EKF1200	M 120 OHM, 0.063W	
R3046	ERJ3GEYJ331	M 330 OHM,J,1/16W	
R3048	ERJ3GEYJ331	M 330 OHM,J,1/16W	
R3050	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3051	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3052	ERJ3EKF4700	M 470 OHM, 0.063W	
R3053	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3054	ERJ3EKF4700	M 470 OHM, 0.063W	
R3055	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3056	ERJ3GEYJ221	M 220 OHM,J,1/16W	
R3057	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3058	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R3059	ERJ3EKF47R0	M 47 OHM, 0.063W	
R3060	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R3061	ERJ3EKF47R0	M 47 OHM, 0.063W	
R3062	EXB38V820J	RESISTOR ARRAY	
R3063	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R3064	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R3065	ERJ3EKF1500	M 150 OHM, 0.063W	
R3066	ERJ3EKF47R0	M 47 OHM, 0.063W	
R3067	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3068	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3069	EXB38V820J	RESISTOR ARRAY	
R3070	EXB38V820J	RESISTOR ARRAY	
R3071	EXB38V820J	RESISTOR ARRAY	
R3072	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R3073	EXB38VR000	RESISTOR ARRAY	
R3074	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R3075	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R3076	EXB38VR000	RESISTOR ARRAY	
R3077	EXB38V330J	RESISTOR ARRAY	
R3078	EXB38VR000	RESISTOR ARRAY	
R3080	EXB38V330J	RESISTOR ARRAY	
R3081	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3082	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3083	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3084	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R3085	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3086	EXB38V330J	RESISTOR ARRAY	
R3088	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R3089	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R3090	EXB38V330J	RESISTOR ARRAY	

Ref. No.	Part No.	Part Name & Description	Remarks
R3091	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R3092	ERJ3GEYJ391	M 390 OHM,J,1/16W	
R3093	EXB38V330J	RESISTOR ARRAY	
R3094	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R3095	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R3096	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3099	ERJ3GEYJ221	M 220 OHM,J,1/16W	
R3100	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	
R3101	ERJ3GEYJ301	M 300 OHM,J,1/16W	
R3103	ERJ3GEYJ473	M 47K OHM,J,1/16W	
R3104	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3105	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R3106	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3107	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3108	ERJ6GEYJ271	M 270 OHM,J,1/10W	
R3109	ERJ6GEYJ271	M 270 OHM,J,1/10W	
R3110	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3111	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R3112	ERJ8ENF1500	M 150 OHM 1/8W	
R3113	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R3114	ERJ8ENF1500	M 150 OHM 1/8W	
R3115	ERJ8ENF1500	M 150 OHM 1/8W	
R3116	ERJ8ENF1500	M 150 OHM 1/8W	
R3117	ERJ8ENF1500	M 150 OHM 1/8W	
R3118	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3119	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3120	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R3121	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R3122	ERJ8ENF1500	M 150 OHM 1/8W	
R3123	ERJ8ENF1500	M 150 OHM 1/8W	
R3124	ERJ8ENF1500	M 150 OHM 1/8W	
R3125	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R3126	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R3127	ERJ8ENF1500	M 150 OHM 1/8W	
R3128	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R3129	ERJ8ENF1500	M 150 OHM 1/8W	
R3130	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	
R3131	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	
R3132	ERJ8ENF1500	M 150 OHM 1/8W	
R3133	ERJ8ENF1500	M 150 OHM 1/8W	
R3134	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	
R3135	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	
R3136	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R3137	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R3138	ERJ3GEYJ331	M 330 OHM,J,1/16W	
R3139	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3140	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3142	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R3143	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3144	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3145	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R3146	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R3147	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3148	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3149	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3150	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3151	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3152	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3153	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R3154	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R3155	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	
R3156	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R3157	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	
R3158	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R3159	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R3160	ERJ3GEYJ331	M 330 OHM,J,1/16W	
R3161	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R3162	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R3163	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R3165	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R3166	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R3167	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R3168	ERJ3GEYJ331	M 330 OHM,J,1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R3169	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R3170	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R3171	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R3172	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R3174	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3179	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R3180	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R3181	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3182	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3183	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3184	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3185	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3186	ERJ3GEYJ3R3	M 3.3 OHM, J, 1/16W	
R3187	ERJ3GEYJ3R3	M 3.3 OHM, J, 1/16W	
R3188	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R3189	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R3190	ERJ3GEYJ3R3	M 3.3 OHM, J, 1/16W	
R3191	ERJ3GEYJ3R3	M 3.3 OHM, J, 1/16W	
R3193	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3194	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R3195	ERJ3GEYJ223	M 22K OHM, J, 1/16W	
R3196	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R3197	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R3198	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R3199	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R3200	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R3201	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R3202	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R3203	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R3205	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R3206	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R3208	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R3209	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R3210	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R3211	ERJ3EKF4701	M 4.7KOHM, 0.063W	
R3212	ERJ3EKF4701	M 4.7KOHM, 0.063W	
R3213	ERJ3EKF4701	M 4.7KOHM, 0.063W	
R3214	ERJ3EKF4701	M 4.7KOHM, 0.063W	
R3215	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R3216	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R3217	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	
R3218	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R3219	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R3220	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	
R3221	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R3222	ERJ3GEYJ221	M 220 OHM, J, 1/16W	
R3224	ERJ3GEYJ221	M 220 OHM, J, 1/16W	
R3226	ERJ3GEYJ561	M 560 OHM, J, 1/16W	
R3227	ERJ3GEYJ561	M 560 OHM, J, 1/16W	
R3228	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R3231	ERJ3GEYJ221	M 220 OHM, J, 1/16W	
R3232	ERJ3GEYJ221	M 220 OHM, J, 1/16W	
R3233	ERJ3GEYJ221	M 220 OHM, J, 1/16W	
R3234	ERJ3GEYJ221	M 220 OHM, J, 1/16W	
R3235	ERJ3GEYJ561	M 560 OHM, J, 1/16W	
R3236	ERJ3GEYJ561	M 560 OHM, J, 1/16W	
R3240	ERJ3EKF4701	M 4.7KOHM, 0.063W	
R3241	ERJ3EKF4701	M 4.7KOHM, 0.063W	
R3242	ERJ3GEYJ221	M 220 OHM, J, 1/16W	
R3243	ERJ3EKF6981	M6.98KOHM, 0.063W	
R3244	ERJ3GEYJ221	M 220 OHM, J, 1/16W	
R3245	ERJ3EKF7501	M 7.5KOHM, 0.063W	
R3246	ERJ3EKF1501	M 1.5KOHM, 1/16W	
R3247	EXB38V330J	RESISTOR ARRAY	
R3248	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3249	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R3250	ERJ3EKF4121	M4.12KOHM, 0.063W	
R3251	ERJ3EKF4701	M 4.7KOHM, 0.063W	
R3252	ERJ3EKF3901	M 3.9KOHM, 0.063W	
R3253	ERJ3EKF4701	M 4.7KOHM, 0.063W	
R3254	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3255	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R3256	EXB38V330J	RESISTOR ARRAY	

Ref. No.	Part No.	Part Name & Description	Remarks
R3257	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R3258	EXB38V330J	RESISTOR ARRAY	
R3259	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R3260	ERJ3GEYJ471	M 470 OHM, J, 1/16W	
R3261	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3262	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R3263	ERJ3GEYJ104	M 100KOHM, J, 1/16W	
R3264	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3265	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3266	EXB38V330J	RESISTOR ARRAY	
R3267	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R3268	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R3270	ERJ3GEYJ821	M 820 OHM, J, 1/16W	
R3271	ERJ3GEYJ471	M 470 OHM, J, 1/16W	
R3272	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3273	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3274	EXB38V330J	RESISTOR ARRAY	
R3275	EXB38V330J	RESISTOR ARRAY	
R3276	EXB38V330J	RESISTOR ARRAY	
R3277	EXB38V330J	RESISTOR ARRAY	
R3278	EXB38V330J	RESISTOR ARRAY	
R3280	ERJ3GEYJ183	M 18K OHM, J, 1/16W	
R3281	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R3282	ERJ3GEYJ273	M 27KOHM, J, 1/16W	
R3283	ERJ3GEYJ183	M 18K OHM, J, 1/16W	
R3285	ERJ3GEYJ183	M 18K OHM, J, 1/16W	
R3286	ERJ3GEYJ182	M 1.8KOHM, J, 1/16W	
R3287	ERJ3GEYJ182	M 1.8KOHM, J, 1/16W	
R3288	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	
R3289	ERJ3GEYJ182	M 1.8KOHM, J, 1/16W	
R3290	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3291	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3292	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3293	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3294	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3295	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3296	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3297	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3298	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3299	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3300	ERJ6GEY0R00	M 0 OHM, J, 1/10W	
R3301	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R3302	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R3303	ERJ3GEYJ470	M 47 OHM, J, 1/16W	
R3304	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R3305	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R3306	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R3307	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R3308	EXB38V472J	RESISTOR ARRAY	
R3309	EXB38V472J	RESISTOR ARRAY	
R3310	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R3311	ERJ3EKF3900	M 390 OHM, 1/16W	
R3312	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R3313	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R3314	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3315	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R3316	ERJ6GEY0R00	M 0 OHM, J, 1/10W	
R3317	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3318	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3319	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3320	ERJ6GEY0R00	M 0 OHM, J, 1/10W	
R3322	ERJ6GEY0R00	M 0 OHM, J, 1/10W	
R3323	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R3324	ERJ3GEYJ330	M 33 OHM, J, 1/16W	
R3325	EXB38V330J	RESISTOR ARRAY	
R3326	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R3328	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R3329	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R3330	ERJ6GEY0R00	M 0 OHM, J, 1/10W	
R3331	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R3333	D1HG33080001	RESISTOR	
R3334	D1HG33080001	RESISTOR	
R3335	D1HG33080001	RESISTOR	

Ref. No.	Part No.	Part Name & Description	Remarks
R3336	ERJ6GEY0R00	M 0 OHM,J,1/10W	
R3337	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3338	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3339	ERJ6GEY0R00	M 0 OHM,J,1/10W	
R3340	ERJ6GEY0R00	M 0 OHM,J,1/10W	
R3342	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R3343	ERJ6GEY0R00	M 0 OHM,J,1/10W	
R3346	ERJ6GEY0R00	M 0 OHM,J,1/10W	
R3352	ERJ6GEY0R00	M 0 OHM,J,1/10W	
R3353	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3354	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3355	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3356	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3358	EXB38V472J	RESISTOR ARRAY	
R3360	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3361	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R3364	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3365	ERJ3GEY0R00	M 0 OHM, 1/16W	
R3389	ERJ3GEYJ823	M 82KOHM,J,1/16W	
R3390	ERJ3GEYJ151	M 150 OHM,J,1/16W	
R3391	ERJ3GEYJ330	M 33 OHM,J,1/16W	
R3392	ERJ3GEYJ102	M 1K OHM,J,1/16W	
R3393	ERJ3GEYJ272	M 2.7KOHMJ,J1/16W	
R3394	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R3395	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3396	ERJ3GEYJ301	M 300 OHM,J,1/16W	
R3398	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R3399	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R3400	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R3401	ERJ3GEYJ221	M 220 OHM,J,1/16W	
R3402	ERJ3GEYJ471	M 470 OHM,J,1/16W	
R3403	ERJ3GEYJ561	M 560 OHM,J,1/16W	
R3404	ERJ6GEY0R00	M 0 OHM,J,1/10W	
R3405	ERJ6GEY0R00	M 0 OHM,J,1/10W	
R3406	ERJ6GEY0R00	M 0 OHM,J,1/10W	
R3407	ERJ6GEY0R00	M 0 OHM,J,1/10W	
R3408	ERJ3GEYJ390	M 39 OHM,J,1/16W	
R3409	ERJ3GEYJ390	M 39 OHM,J,1/16W	
R3410	ERJ3GEYJ390	M 39 OHM,J,1/16W	
R3411	ERJ3GEYJ390	M 39 OHM,J,1/16W	
R3412	ERJ3GEYJ390	M 39 OHM,J,1/16W	
R3413	ERJ3GEYJ390	M 39 OHM,J,1/16W	
R6001	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R6002	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R6004	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R6005	ERJ3GEY0R00	M 0 OHM, 1/16W	
R6006	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R6007	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R6008	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R6009	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R6010	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R6011	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R6012	ERJ6GEYJ101	M 100 OHM,J,1/10W	
R6013	ERJ6GEYJ101	M 100 OHM,J,1/10W	
R6014	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R6015	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R6016	ERJ3GEYJ103	M 10K OHM,J,1/16W	
R6017	ERJ6GEYJ330	M 33 OHM,J,1/10W	
R6018	ERJ3GEYJ223	M 22K OHM,J,1/16W	
R6019	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R6020	ERJ3GEYJ223	M 22K OHM,J,1/16W	
R6021	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R6022	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	
R6023	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	
R6024	ERJ3GEYJ272	M 2.7KOHMJ,J1/16W	
R6025	ERJ6GEYJ221	M 220 OHM,J,1/10W	
R6026	ERJ6GEYJ181	M 180 OHM,J,1/10W	
R6027	ERJ6GEYJ221	M 220 OHM,J,1/10W	
R6028	ERJ6GEYJ181	M 180 OHM,J,1/10W	
R6029	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R6030	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	
R6031	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	
R6032	ERJ6GEYJ221	M 220 OHM,J,1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R6033	ERJ6GEYJ221	M 220 OHM,J,1/10W	
R6034	ERJ6GEYJ181	M 180 OHM,J,1/10W	
R6035	ERJ6GEYJ221	M 220 OHM,J,1/10W	
R6036	ERJ6GEYJ181	M 180 OHM,J,1/10W	
R6037	ERJ6GEYJ221	M 220 OHM,J,1/10W	
R6038	ERJ6GEYJ221	M 220 OHM,J,1/10W	
R6039	ERJ6GEYJ2R2	M 2.2 OHM,J,1/10W	
R6040	ERJ3GEYJ223	M 22K OHM,J,1/16W	
R6041	ERJ6GEYJ221	M 220 OHM,J,1/10W	
R6042	ERJ6GEYJ391	M 390 OHM,J,1/10W	
R6043	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R6044	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R6045	ERJ3GEYJ223	M 22K OHM,J,1/16W	
R6046	ERJ6GEYJ220	M 22 OHM,J,1/10W	
R6047	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R6050	ERJ6GEYJ220	M 22 OHM,J,1/10W	
R6051	ERJ6GEYJ220	M 22 OHM,J,1/10W	
R6052	ERJ6GEYJ220	M 22 OHM,J,1/10W	
R6053	ERJ6GEYJ101	M 100 OHM,J,1/10W	
R6054	ERJ3GEY0R00	M 0 OHM, 1/16W	
R6055	ERJ3GEY0R00	M 0 OHM, 1/16W	
R6057	ERD25VJ1R0T	RESISTOR	
R6058	ERJ3GEYJ561	M 560 OHM,J,1/16W	
R6059	ERJ3GEYJ561	M 560 OHM,J,1/16W	
R6060	ERJ6GEYJ101	M 100 OHM,J,1/10W	
R6061	ERJ6GEYJ101	M 100 OHM,J,1/10W	
R6062	ERJ6GEYJ101	M 100 OHM,J,1/10W	
R6063	ERJ6GEYJ101	M 100 OHM,J,1/10W	
R6064	ERJ6GEYJ101	M 100 OHM,J,1/10W	
R6065	ERJ6GEYJ101	M 100 OHM,J,1/10W	
R6066	ERJ3GEYJ561	M 560 OHM,J,1/16W	
R6067	ERJ3GEYJ561	M 560 OHM,J,1/16W	
R6068	ERJ3GEY0R00	M 0 OHM, 1/16W	
R6070	ERJ3GEY0R00	M 0 OHM, 1/16W	
R6071	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R6072	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R6073	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R6080	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R6083	EXB38V220J	RESISTOR ARRAY	
R6084	EXB38V472J	RESISTOR ARRAY	
R6085	EXB38V472J	RESISTOR ARRAY	
R6086	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R6087	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R6089	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R6090	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R6091	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R6092	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R6093	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R6094	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R6095	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R6096	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R6097	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R6098	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R6099	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R6100	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R6101	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R6102	ERJ3GEYJ220	M 22 OHM,J,1/16W	
R6103	EXB38V472J	RESISTOR ARRAY	
R6104	EXB38V472J	RESISTOR ARRAY	
R6105	EXB38V220J	RESISTOR ARRAY	
R6107	ERJ3GEY0R00	M 0 OHM, 1/16W	
R6109	ERJ3EKF4701	M 4.7KOHM, 0.063W	
R6110	ERJ3EKF4701	M 4.7KOHM, 0.063W	
R6114	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R6115	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R6116	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R6117	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R6118	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R6119	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R6120	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R6121	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R6122	ERJ3GEYJ101	M 100 OHM,J,1/16W	
R6130	ERJ3GEYJ220	M 22 OHM,J,1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R6132	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6134	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6136	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R6137	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R6139	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R6140	ERJ6GEYJ330	M 33 OHM, J, 1/10W	
R6141	ERJ6GEYJ330	M 33 OHM, J, 1/10W	
R6143	ERJ3EKF2202	M 22K OHM, 1/16W	
R6144	EXB38V472J	RESISTOR ARRAY	
R6145	EXB38V472J	RESISTOR ARRAY	
R6147	ERJ3GEY0R00	M 0 OHM, 1/16W	
R6148	ERJ3GEY0R00	M 0 OHM, 1/16W	
R6200	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6201	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6202	EXB38V220J	RESISTOR ARRAY	
R6203	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6204	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R6205	EXB38V472J	RESISTOR ARRAY	
R6206	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6207	EXB38V472J	RESISTOR ARRAY	
R6208	EXB38V472J	RESISTOR ARRAY	
R6209	EXB38V220J	RESISTOR ARRAY	
R6210	EXB38V220J	RESISTOR ARRAY	
R6211	EXB38V472J	RESISTOR ARRAY	
R6212	EXB38V472J	RESISTOR ARRAY	
R6213	EXB38V220J	RESISTOR ARRAY	
R6214	EXB38V220J	RESISTOR ARRAY	
R6215	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6217	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R6218	EXB38V472J	RESISTOR ARRAY	
R6219	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	
R6220	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	
R6221	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	
R6222	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	
R6223	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	
R6224	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	
R6225	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	
R6226	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	
R6235	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R6240	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6241	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6242	ERJ3GEYJ105	M 1M OHM, J, 1/16W	
R6243	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R6244	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6245	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6246	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R6247	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6248	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6249	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R6250	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	
R6251	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R6252	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6253	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6254	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R6255	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	
R6256	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R6257	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	
R6258	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R6259	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6260	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6261	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R6262	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	
R6263	ERJ3GEYJ331	M 330 OHM, J, 1/16W	
R6264	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6265	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6266	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6272	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6273	ERJ3GEYJ104	M 100KOHM, J, 1/16W	
R6274	ERJ3GEYJ104	M 100KOHM, J, 1/16W	
R6275	ERJ3GEYJ104	M 100KOHM, J, 1/16W	
R6276	ERJ3GEYJ104	M 100KOHM, J, 1/16W	
R6277	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6283	EXB38V220J	RESISTOR ARRAY	

Ref. No.	Part No.	Part Name & Description	Remarks
R6501	ERJ8ENF1501	M 1.5KOHM 1/8W	
R6502	ERJ6ENF1002	M 10KOHM, 1/10W	
R6503	ERJ6ENF39R0	M 39 OHM, 1/10W	
R6504	ERJ6ENF2700	M 270 OHM, 1/10W	
R6505	ERJ3EKF1202	M 12K OHM, 0.063W	
R6506	ERJ3EKF1202	M 12K OHM, 0.063W	
R6507	ERJ3EKF6202	M 62K OHM, 1/16W	
R6508	ERJ3EKF6202	M 62K OHM, 1/16W	
R6509	ERJ3EKF6202	M 62K OHM, 1/16W	
R6510	ERJ3EKF1202	M 12K OHM, 0.063W	
R6511	ERJ3EKF1202	M 12K OHM, 0.063W	
R6512	ERJ3EKF1202	M 12K OHM, 0.063W	
R6514	ERJ3EKF3302	M 33KOHM, 1/16W	
R6515	ERJ3EKF3302	M 33KOHM, 1/16W	
R6516	ERJ3EKF4702	M 47K OHM, 0.063W	
R6517	ERJ3EKF4702	M 47K OHM, 0.063W	
R6518	ERJ3GEYJ822	M 8.2KOHM, J, 1/16W	
R6519	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R6520	ERJ8ENF1501	M 1.5KOHM 1/8W	
R6522	ERJ6ENF1002	M 10KOHM, 1/10W	
R6523	ERJ3ENF39R0	RESISTOR	
R6524	ERJ6ENF2700	M 270 OHM, 1/10W	
R6525	ERJ3GEYJ822	M 8.2KOHM, J, 1/16W	
R6526	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R6528	ERJ3EKF7682	RESISTOR	
R6529	ERJ3EKF1203	M 120KOHM, 0.063W	
R6530	ERJ3EKF1203	M 120KOHM, 0.063W	
R6531	ERJ3GEYJ822	M 8.2KOHM, J, 1/16W	
R6532	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R6533	ERJ8ENF1501	M 1.5KOHM 1/8W	
R6534	ERJ6ENF1002	M 10KOHM, 1/10W	
R6535	ERJ6ENF39R0	M 39 OHM, 1/10W	
R6536	ERJ6ENF2700	M 270 OHM, 1/10W	
R6537	ERJ3GEYJ822	M 8.2KOHM, J, 1/16W	
R6538	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R6539	ERJ8ENF1501	M 1.5KOHM 1/8W	
R6540	ERJ6ENF1002	M 10KOHM, 1/10W	
R6541	ERJ6ENF39R0	M 39 OHM, 1/10W	
R6542	ERJ6ENF2700	M 270 OHM, 1/10W	
R6545	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6546	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6547	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6548	ERJ6GEY0R00	M 0 OHM, J, 1/10W	
R6552	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6553	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6559	ERJ6GEY0R00	M 0 OHM, J, 1/10W	
R6560	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6561	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6564	ERJ6GEY0R00	M 0 OHM, J, 1/10W	
R6565	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6566	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6567	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6568	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6570	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6574	ERJ8ENF1501	M 1.5KOHM 1/8W	
R6575	ERJ8ENF1501	M 1.5KOHM 1/8W	
R6576	ERJ8ENF1501	M 1.5KOHM 1/8W	
R6577	ERJ3EKF7501	M 7.5KOHM, 0.063W	
R6578	ERJ6ENF2001	M 2KOHM, 1/10W	
R6579	ERJ6ENF2001	M 2KOHM, 1/10W	
R6580	ERJ6ENF2001	M 2KOHM, 1/10W	
R6581	ERJ3EKF2101	M 2.1KOHM, 1/16W	
R6582	ERJ6ENF39R0	M 39 OHM, 1/10W	
R6583	ERJ6ENF2700	M 270 OHM, 1/10W	
R6584	ERJ6ENF39R0	M 39 OHM, 1/10W	
R6585	ERJ6ENF2700	M 270 OHM, 1/10W	
R6586	ERJ6ENF39R0	M 39 OHM, 1/10W	
R6587	ERJ6ENF2700	M 270 OHM, 1/10W	
R6588	ERJ3GEYJ822	M 8.2KOHM, J, 1/16W	
R6589	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R6590	ERJ3GEYJ822	M 8.2KOHM, J, 1/16W	
R6591	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R6592	ERJ3GEYJ822	M 8.2KOHM, J, 1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R6593	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R6594	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R6595	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6596	ERJ3GEYJ473	M 47K OHM, J, 1/16W	
R6597	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6598	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R6599	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R6600	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R6601	ERJ3GEYJ105	M 1M OHM, J, 1/16W	
R6602	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
R6603	ERJ3GEYJ471	M 470 OHM, J, 1/16W	
R6604	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R6605	ERJ3GEYJ821	M 820 OHM, J, 1/16W	
R6607	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6608	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6609	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6610	ERJ3GEYJ391	M 390 OHM, J, 1/16W	
R6611	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6612	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6613	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6614	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6615	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6616	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6617	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6618	ERJ3GEYJ561	M 560 OHM, J, 1/16W	
R6619	ERJ3EKF1101	M 1.1KOHM, 1/16W	
R6620	ERJ3EKF1101	M 1.1KOHM, 1/16W	
R6621	ERJ3EKF1101	M 1.1KOHM, 1/16W	
R6622	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6623	ERJ3GEYJ101	M 100 OHM, J, 1/16W	
R6624	ERJ3EKF5621	M 5.62KOHM, 1/16W	
R6625	ERJ3EKF5903	M 590KOHM, 1/16W	
R6626	ERJ6ENF1691	M 1.69KOHM, 1/10W	
R6627	ERJ3EKF3923	M 392KOHM, 1/16W	
R6628	ERJ3EKF1002	M 10KOHM, 1/16W	
R6629	ERJ3EKF3923	M 392KOHM, 1/16W	
R6630	EXB38V220J	RESISTOR ARRAY	
R6631	ERJ3EKF3923	M 392KOHM, 1/16W	
R6632	ERJ3EKF1002	M 10KOHM, 1/16W	
R6633	ERJ3EKF5621	M 5.62KOHM, 1/16W	
R6634	EXB38V472J	RESISTOR ARRAY	
R6636	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6637	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R6638	ERJ3GEYJ473	M 47K OHM, J, 1/16W	
R6639	ERJ3GEYJ105	M 1M OHM, J, 1/16W	
R6640	ERJ3GEYJ473	M 47K OHM, J, 1/16W	
R6641	ERJ3GEYJ473	M 47K OHM, J, 1/16W	
R6642	ERJ3GEYJ333	M 33K OHM, J, 1/16W	
R6643	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
R6644	ERJ6GEYJ471	M 470 OHM, J, 1/10W	
R6645	ERJ3GEYJ102	M 1K OHM, J, 1/16W	
R6646	ERJ3GEYJ224	M 220KOHM, J, 1/16W	
R6647	ERJ3EKF1202	M 12K OHM, 0.063W	
R6648	EXB38V472J	RESISTOR ARRAY	
R6649	EXB38V220J	RESISTOR ARRAY	
R6650	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6651	ERJ3GEY0R00	M 0 OHM, 1/16W	
R6652	ERJ3GEYJ510	M 51 OHM, J, 1/16W	
R6653	ERJ3GEYJ473	M 47K OHM, J, 1/16W	
R6654	ERJ3GEY0R00	M 0 OHM, 1/16W	
R6655	ERJ3EKF1203	M 12KOHM, 0.063W	
R6656	ERJ3GEYJ510	M 51 OHM, J, 1/16W	
R6657	ERJ3EKF7501	M 7.5KOHM, 0.063W	
R6658	ERJ3EKF2101	M 2.1KOHM, 1/16W	
R6667	ERJ3GEYJ471	M 470 OHM, J, 1/16W	
R6668	ERJ3GEYJ471	M 470 OHM, J, 1/16W	
R6669	EXB38V103J	RESISTOR ARRAY	
R6695	ERJ3GEYJ471	M 470 OHM, J, 1/16W	
R6696	ERJ3GEYJ471	M 470 OHM, J, 1/16W	
R6697	EXB38V103J	RESISTOR ARRAY	
R6698	ERJ3EKF1202	M 12K OHM, 0.063W	
R6699	ERJ3EKF1203	M 12KOHM, 0.063W	
R6700	ERJ3EKF4702	M 47K OHM, 0.063W	

Ref. No.	Part No.	Part Name & Description	Remarks
R6701	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6702	EXB38V220J	RESISTOR ARRAY	
R6705	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6706	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6708	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6709	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6710	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6711	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6712	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6713	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6714	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6715	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6716	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6717	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6801	ERJ3EKF6202	M 62K OHM, 1/16W	
R6802	ERJ8ENF1501	M 1.5KOHM 1/8W	
R6803	ERJ3EKF1202	M 12K OHM, 0.063W	
R6804	ERJ6ENF2001	M 2KOHM, 1/10W	
R6809	ERJ3EKF1202	M 12K OHM, 0.063W	
R6810	ERJ6ENF39R0	M 39 OHM, 1/10W	
R6811	ERJ6ENF2700	M 270 OHM, 1/10W	
R6812	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6813	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6814	ERJ3EKF4702	M 47K OHM, 0.063W	
R6815	ERJ3GEYJ822	M 8.2KOHM, J, 1/16W	
R6816	ERJ3GEYJ103	M 10K OHM, J, 1/16W	
R6818	ERJ6GEY0R00	M 0 OHM, J, 1/10W	
R6819	ERJ6GEY0R00	M 0 OHM, J, 1/10W	
R6820	ERJ6GEY0R00	M 0 OHM, J, 1/10W	
R6821	ERJ6GEY0R00	M 0 OHM, J, 1/10W	
R6822	ERJ6GEY0R00	M 0 OHM, J, 1/10W	
R6823	ERJ6GEY0R00	M 0 OHM, J, 1/10W	
R6824	ERJ3EKF1203	M 120KOHM, 0.063W	
R6826	ERJ3EKF7682	RESISTOR	
R6831	ERJ3GEYJ473	M 47K OHM, J, 1/16W	
R6832	ERJ3GEYJ473	M 47K OHM, J, 1/16W	
R6833	ERJ3GEYJ473	M 47K OHM, J, 1/16W	
R6834	ERJ3GEYJ473	M 47K OHM, J, 1/16W	
R6835	ERJ3GEYJ473	M 47K OHM, J, 1/16W	
R6836	ERJ3GEYJ473	M 47K OHM, J, 1/16W	
R6837	ERJ3GEYJ473	M 47K OHM, J, 1/16W	
R6838	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6845	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6846	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6850	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6851	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6852	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6853	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6854	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6855	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6856	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6857	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6865	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6866	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6867	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6868	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6870	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	
R6873	ERJ3EKF1202	M 12K OHM, 0.063W	
R6874	ERJ3EKF1203	M 120KOHM, 0.063W	
R6875	ERJ8ENF1501	M 1.5KOHM 1/8W	
R6876	ERJ3GEYJ560	M 56 OHM, J, 1/16W	
R6877	ERJ3EKF7501	M 7.5KOHM, 0.063W	
R6878	ERJ6ENF2001	M 2KOHM, 1/10W	
R6879	ERJ6ENF2001	M 2KOHM, 1/10W	
R6881	ERJ3EKF2101	M 2.1KOHM, 1/16W	
R6882	ERJ6ENF39R0	M 39 OHM, 1/10W	
R6883	ERJ3EKF2202	M 22K OHM, 1/16W	
R6884	ERJ6ENF39R0	M 39 OHM, 1/10W	
R6885	ERJ6ENF2700	M 270 OHM, 1/10W	
R6888	ERJ3EKF4702	M 47K OHM, 0.063W	
R6889	ERJ3EKF6202	M 62K OHM, 1/16W	
R6890	ERJ3GEYJ822	M 8.2KOHM, J, 1/16W	
R6891	ERJ3GEYJ103	M 10K OHM, J, 1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R6892	ERJ3GEYJ220	M 22 OHM, J, 1/16W	
R6901	ERJ6GEYJ1R0	M 1 OHM, J, 1/10W	
R6902	ERJ6GEYJ1R0	M 1 OHM, J, 1/10W	
R6903	ERJ6GEYJ1R0	M 1 OHM, J, 1/10W	
R6904	ERJ6GEYJ1R0	M 1 OHM, J, 1/10W	
R6905	ERJ6GEYJ1R0	M 1 OHM, J, 1/10W	
R9630	ERJ14YJ3R3U	M 3.3 OHM, J, 1/4W (B-PCB)	
R9631	ERJ8GEYJ220	M 22 OHM, J, 1/4W (B-PCB)	
R9632	ERJ14YJ5R6U	M 5.6 OHM, J, 1/4W (B-PCB)	
R9633	ERJ8GEYJ100	M 10 OHM, J, 1/4W (B-PCB)	
R9634	ERJ8GEYJ120	RESISTOR (B-PCB)	
R9636	ERJ14YJ3R3U	M 3.3 OHM, J, 1/4W (B-PCB)	
R9637	ERJ8GEYJ220	M 22 OHM, J, 1/4W (B-PCB)	
R9638	ERJ14YJ5R6U	M 5.6 OHM, J, 1/4W (B-PCB)	
R9640	ERJ8GEYJ120	RESISTOR (B-PCB)	
R9653	D0XGR10KA001	RESISTOR (B-PCB)	
R9693	ERJ1TYJ220U	RESISTOR (B-PCB)	
R9982	ERJ6GEYJ181	M 180 OHM, J, 1/10W	
[CAPACITORS]			
C2004	ECJ2FF1A106Z	C 10UF, 10V	
C2005	F2G1E4R70007	CAPACITOR	
C2006	ECJ1VFC104Z	C 0.1UF, Z, 16V	
C2008	ECJ1VFC104Z	C 0.1UF, Z, 16V	
C2009	F1G1C104A077	CAPACITOR	
C2010	F1G1C104A077	CAPACITOR	
C2011	F1G1C104A077	CAPACITOR	
C2012	F1G1C104A077	CAPACITOR	
C2013	F1G1C104A077	CAPACITOR	
C2014	F1G1C104A077	CAPACITOR	
C2015	F1G1C104A077	CAPACITOR	
C2016	F1G1C104A077	CAPACITOR	
C2017	F1G1C104A077	CAPACITOR	
C2018	F1G1C104A077	CAPACITOR	
C2019	F1G1C104A077	CAPACITOR	
C2020	F1G1C104A077	CAPACITOR	
C2021	F1G1C104A077	CAPACITOR	
C2022	F1G1C104A077	CAPACITOR	
C2023	F1G1C104A077	CAPACITOR	
C2024	F1G1C104A077	CAPACITOR	
C2025	F1G1C104A077	CAPACITOR	
C2026	F1G1C104A077	CAPACITOR	
C2027	F1G1C104A077	CAPACITOR	
C2028	F1G1C104A077	CAPACITOR	
C2029	F1G1C104A077	CAPACITOR	
C2030	F1G1C104A077	CAPACITOR	
C2031	F1G1C104A077	CAPACITOR	
C2032	F1G1C104A077	CAPACITOR	
C2033	F1G1C104A077	CAPACITOR	
C2034	F2H0G3300001	CAPACITOR	
C2035	ECJ1VFC104Z	C 0.1UF, Z, 16V	
C2036	F2H0J1010009	CAPACITOR	
C2037	ECJ1VFC104Z	C 0.1UF, Z, 16V	
C2038	F1G1C104A077	CAPACITOR	
C2039	F1G1C104A077	CAPACITOR	
C2040	F1G1C104A077	CAPACITOR	
C2041	F1G1C104A077	CAPACITOR	
C2042	F2G0J4700010	CAPACITOR	
C2043	ECJ1VFC104Z	C 0.1UF, Z, 16V	
C2044	F1G1C104A077	CAPACITOR	
C2045	F1G1C104A077	CAPACITOR	
C2046	F1G1C104A077	CAPACITOR	
C2047	F1G1C104A077	CAPACITOR	
C2048	F1G1C104A077	CAPACITOR	
C2049	F1G1C104A077	CAPACITOR	
C2050	F1G1C104A077	CAPACITOR	

Ref. No.	Part No.	Part Name & Description	Remarks
C2051	F1G1C104A077	CAPACITOR	
C2052	F1G1C104A077	CAPACITOR	
C2053	F1G1C104A077	CAPACITOR	
C2054	F2H0J1010009	CAPACITOR	
C2055	F1G1C104A077	CAPACITOR	
C2057	F1G1C104A077	CAPACITOR	
C2058	F1G1C104A077	CAPACITOR	
C2060	F1G1C104A077	CAPACITOR	
C2061	ECJ1VFC104Z	C 0.1UF, Z, 16V	
C2062	F1G1C104A077	CAPACITOR	
C2064	F1G1C104A077	CAPACITOR	
C2066	F1G1C104A077	CAPACITOR	
C2067	F1G1C104A077	CAPACITOR	
C2069	F1G1C104A077	CAPACITOR	
C2071	F1G1C104A077	CAPACITOR	
C2072	F1G1C104A077	CAPACITOR	
C2074	F1G1C104A077	CAPACITOR	
C2076	F1G1C104A077	CAPACITOR	
C2077	F1G1C104A077	CAPACITOR	
C2078	F1G1C104A077	CAPACITOR	
C2079	F2G0J4700010	CAPACITOR	
C2080	F1G1C104A077	CAPACITOR	
C2081	F2G0J4700010	CAPACITOR	
C2082	F1G1C104A077	CAPACITOR	
C2083	F1H1A1050029	CAPACITOR	
C2084	F1G1C104A077	CAPACITOR	
C2085	F1H1A1050029	CAPACITOR	
C2086	F1G1C104A077	CAPACITOR	
C2087	F1H1A1050029	CAPACITOR	
C2088	F1G1C104A077	CAPACITOR	
C2089	F1H1A1050029	CAPACITOR	
C2090	F1G1C104A077	CAPACITOR	
C2091	F1H1A1050029	CAPACITOR	
C2092	F1G1C104A077	CAPACITOR	
C2093	F1H1A1050029	CAPACITOR	
C2094	F1G1C104A077	CAPACITOR	
C2095	F1H1A1050029	CAPACITOR	
C2096	F1G1C104A077	CAPACITOR	
C2097	F1H1A1050029	CAPACITOR	
C2098	F1G1C104A077	CAPACITOR	
C2099	F1H1A1050029	CAPACITOR	
C2100	F1G1C104A077	CAPACITOR	
C2101	F2G0J1010013	CAPACITOR	
C2102	EEH0B0G101R	E 100UF, 4V	
C2103	EEH0B0G101R	E 100UF, 4V	
C2104	F1H1A1050029	CAPACITOR	
C2105	F1G1C104A077	CAPACITOR	
C2106	F1H1A1050029	CAPACITOR	
C2107	F1G1C104A077	CAPACITOR	
C2109	EEFUD0J101R	CAPACITOR	
C2110	ECJ2FF1A106Z	C 10UF, 10V	
C2111	ECJ2FF1A106Z	C 10UF, 10V	
C2112	F1G1C104A077	CAPACITOR	
C2113	F1H1C104A041	CAPACITOR	
C2114	F1H1A1050029	CAPACITOR	
C2115	F1G1C104A077	CAPACITOR	
C2116	F1H1A1050029	CAPACITOR	
C2117	F1G1C104A077	CAPACITOR	
C2118	F1H1A1050029	CAPACITOR	
C2119	F1G1C104A077	CAPACITOR	
C2120	F1H1A1050029	CAPACITOR	
C2121	F1G1C104A077	CAPACITOR	
C2122	F1H1A1050029	CAPACITOR	
C2123	F1G1C104A077	CAPACITOR	
C2124	F1H1A1050029	CAPACITOR	
C2125	F1G1C104A077	CAPACITOR	
C2126	F1H1A1050029	CAPACITOR	
C2127	F1G1C104A077	CAPACITOR	
C2128	F1H1A1050029	CAPACITOR	
C2129	F1G1C104A077	CAPACITOR	
C2130	F1H1A1050029	CAPACITOR	
C2131	F1G1C104A077	CAPACITOR	
C2133	F1G1C104A077	CAPACITOR	

Ref. No.	Part No.	Part Name & Description	Remarks
C2134	F1G1C104A077	CAPACITOR	
C2135	F1G1C104A077	CAPACITOR	
C2136	F1G1C104A077	CAPACITOR	
C2137	F1G1C104A077	CAPACITOR	
C2138	F2H0J1010009	CAPACITOR	
C2139	F2G0J1010013	CAPACITOR	
C2140	F1L0J107A017	CAPACITOR	
C2141	F1L0J107A017	CAPACITOR	
C2142	F1L0J107A017	CAPACITOR	
C2143	F1L0J107A017	CAPACITOR	
C2144	F1L0J107A017	CAPACITOR	
C2145	F1L0J107A017	CAPACITOR	
C2501	F2G1C4700014	CAPACITOR	
C2502	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2503	F2G0J1010013	CAPACITOR	
C2504	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2505	F2G0J4700010	CAPACITOR	
C2506	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2507	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2508	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2509	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2510	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2511	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2512	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2514	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2515	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2517	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2518	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2521	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2522	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2523	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2524	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2525	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2526	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2527	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2528	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2529	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2530	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2531	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2532	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2533	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2534	F2G0G2210009	CAPACITOR	
C2535	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2536	F2G0G2210009	CAPACITOR	
C2537	F2G0J4700010	CAPACITOR	
C2539	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2540	ECJ1VC1H150J	C 15PF, J, 50V	
C2541	ECJ3YF1C475Z	C 4.7UF, Z, 16V	
C2542	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2543	ECJ1VC1H150J	C 15PF, J, 50V	
C2544	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2545	F2G0J4700010	CAPACITOR	
C2546	FLJ1C105A049	CAPACITOR	
C2547	FLH1H1010005	CAPACITOR	
C2548	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2549	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2550	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2551	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2552	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2553	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2554	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2555	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2556	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2557	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2558	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2559	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2560	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2561	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2562	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2563	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2564	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2565	F2G0J4700010	CAPACITOR	
C2566	ECJ2VC1H471J	CAPACITOR	

Ref. No.	Part No.	Part Name & Description	Remarks
C2567	ECJ2VC1H471J	CAPACITOR	
C2568	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2570	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2571	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2572	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2573	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2574	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2575	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2576	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2577	ECJ1VC1H120J	CAPACITOR	
C2578	ECJ1VC1H120J	CAPACITOR	
C2579	FLJ1C105A049	CAPACITOR	
C2580	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2581	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2582	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2583	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2584	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2585	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2586	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2588	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2589	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2590	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2591	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2592	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2593	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2594	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2596	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2599	ECJ1VB1A105K	CAPACITOR	
C2600	ECJ1VB1A105K	CAPACITOR	
C2601	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2602	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2603	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2604	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2605	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2606	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2607	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2608	FLJ1C105A049	CAPACITOR	
C2609	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2610	ECJ1VB1A105K	CAPACITOR	
C2611	ECJ1VB1A105K	CAPACITOR	
C2612	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2613	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2614	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2615	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2616	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2617	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2618	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2619	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2620	EEFUD0J101R	CAPACITOR	
C2621	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2622	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2623	ECJ1VB1A105K	CAPACITOR	
C2624	FLH1C105A008	CAPACITOR	
C2625	FLH1C105A008	CAPACITOR	
C2626	FLH1C105A008	CAPACITOR	
C2627	FLH1C105A008	CAPACITOR	
C2628	FLH1C105A008	CAPACITOR	
C2629	FLH1C105A008	CAPACITOR	
C2630	FLH1C105A008	CAPACITOR	
C2631	FLH1C105A008	CAPACITOR	
C2632	FLH1C105A008	CAPACITOR	
C2633	FLH1C105A008	CAPACITOR	
C2634	FLH1C105A008	CAPACITOR	
C2635	FLH1C105A008	CAPACITOR	
C2636	FLH1C105A008	CAPACITOR	
C2637	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C2638	FLH1A105A036	CAPACITOR	
C2639	ECJ1VB1A105K	CAPACITOR	
C2640	FLH1A105A036	CAPACITOR	
C2641	ECJ1VB1A105K	CAPACITOR	
C2642	FLH1A105A036	CAPACITOR	
C2643	ECJ1VB1A105K	CAPACITOR	
C2644	FLH1A105A036	CAPACITOR	

Ref. No.	Part No.	Part Name & Description	Remarks
C2645	ECJ1VB1A105K	CAPACITOR	
C2646	F1H1A105A036	CAPACITOR	
C2647	ECJ1VB1A105K	CAPACITOR	
C2648	F1H1A105A036	CAPACITOR	
C2649	ECJ1VB1A105K	CAPACITOR	
C2650	F1H1A105A036	CAPACITOR	
C2651	ECJ1VB1A105K	CAPACITOR	
C2652	F1H1A105A036	CAPACITOR	
C2670	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3001	F1H1A105A036	CAPACITOR	
C3002	ECAAHG102	E 1000PF, 10V	
C3003	EEHHP1E4R7R	CAPACITOR	
C3004	EEHHP1A330P	CAPACITOR	
C3005	EEHHP1A330P	CAPACITOR	
C3006	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3007	F1H1A105A036	CAPACITOR	
C3008	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3009	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3010	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3011	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3012	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3013	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3014	F2G1A101A029	CAPACITOR	
C3015	F2G1A101A029	CAPACITOR	
C3016	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3018	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3019	F2G1A101A029	CAPACITOR	
C3020	F2G1A101A029	CAPACITOR	
C3021	ECJ1VCLH680J	C 68PF, J, 50V	
C3022	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3023	ECJ1VCLH180J	CAPACITOR	
C3024	ECJ1VCLH120J	CAPACITOR	
C3025	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3026	F1H1H181A792	CAPACITOR	
C3027	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3029	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3030	ECJ1VCLH220J	CAPACITOR	
C3031	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3033	F2G1A101A029	CAPACITOR	
C3034	F1H1H181A792	CAPACITOR	
C3036	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3038	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3039	F1H1A105A036	CAPACITOR	
C3040	ECJ1VB1H102K	C 1000PF, K, 50V	
C3041	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3042	ECJ1VB1H102K	C 1000PF, K, 50V	
C3043	F1H1A105A036	CAPACITOR	
C3044	ECJ3YF1E225Z	CAPACITOR	
C3045	F2G1A101A029	CAPACITOR	
C3046	ECJ3YF1E225Z	CAPACITOR	
C3047	F1H1A105A036	CAPACITOR	
C3048	ECJ1VCLH180J	CAPACITOR	
C3049	ECJ1VCLH150J	C 15PF, J, 50V	
C3050	F1H1A105A036	CAPACITOR	
C3051	F1H1A105A036	CAPACITOR	
C3052	F1H1A105A036	CAPACITOR	
C3053	F1H1A105A036	CAPACITOR	
C3054	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3055	F2G1A101A029	CAPACITOR	
C3056	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3057	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3058	F1H1A105A036	CAPACITOR	
C3059	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3060	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3061	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3062	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3063	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3064	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3065	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3066	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3067	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3068	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3069	ECJ1VF1C104Z	C 0.1UF, Z, 16V	

Ref. No.	Part No.	Part Name & Description	Remarks
C3070	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3071	ECJ1VB1H472K	C 4700PF, K, 50V	
C3072	ECJ3YF1C475Z	C 4.7UF, Z, 16V	
C3073	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3074	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3075	F2G1A101A029	CAPACITOR	
C3076	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3077	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3078	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3079	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3080	ECJ1VCLH330J	C 33PF, J, 50V	
C3081	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3082	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3083	F2G1A101A029	CAPACITOR	
C3084	F2G1A101A029	CAPACITOR	
C3085	F1H1A105A036	CAPACITOR	
C3086	F1H1A105A036	CAPACITOR	
C3087	F1H1H1010005	CAPACITOR	
C3088	F1H1A105A036	CAPACITOR	
C3089	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3090	ECJ1VCLH680J	C 68PF, J, 50V	
C3091	F2G1A101A029	CAPACITOR	
C3092	ECJ1VCLH330J	C 33PF, J, 50V	
C3093	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3095	F1H1A105A036	CAPACITOR	
C3096	F1H1A105A036	CAPACITOR	
C3097	ECJ1VF1A225Z	CAPACITOR	
C3099	F1H1A105A036	CAPACITOR	
C3121	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3122	F2G1C4700014	CAPACITOR	
C3123	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3124	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3125	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3126	EEHHP1E220P	CAPACITOR	
C3127	EEHHP1E220P	CAPACITOR	
C3128	EEHHP1E220P	CAPACITOR	
C3129	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3130	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3131	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3132	EEHHP1E220P	CAPACITOR	
C3133	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3134	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3135	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3136	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3137	F2G1C4700014	CAPACITOR	
C3138	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3139	EEHHP1E220P	CAPACITOR	
C3140	EEHHP1E220P	CAPACITOR	
C3141	EEHHP1E220P	CAPACITOR	
C3142	EEHHP1E220P	CAPACITOR	
C3143	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3144	EEHHP1E220P	CAPACITOR	
C3145	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3146	EEHHP1E220P	CAPACITOR	
C3147	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3148	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3149	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3150	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3151	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3152	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3153	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3154	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3155	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3156	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3157	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3158	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3159	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3160	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3161	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3162	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3163	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3164	F2G1C4700014	CAPACITOR	
C3165	F2G1C4700014	CAPACITOR	

Ref. No.	Part No.	Part Name & Description	Remarks
C3166	F2G1C4700014	CAPACITOR	
C3167	F2G1C4700014	CAPACITOR	
C3168	F2G1C101A032	CAPACITOR	
C3169	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3170	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3171	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3172	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3173	ECJ1VF1A225Z	CAPACITOR	
C3174	ECJ1VF1A225Z	CAPACITOR	
C3175	EEHHP1C100R	E 10UF, 16V	
C3176	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3177	EEHHP1A330P	CAPACITOR	
C3178	ECJ1VC1H470J	C 47PF, J, 50V	
C3179	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3180	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3181	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3182	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3183	F1H1C104A041	CAPACITOR	
C3184	ECJ1VB1H102K	C 1000PF, K, 50V	
C3185	F1H1C104A041	CAPACITOR	
C3186	ECJ1VB1H102K	C 1000PF, K, 50V	
C3187	F1H1C104A041	CAPACITOR	
C3188	F1H1C104A041	CAPACITOR	
C3189	F1H1C104A041	CAPACITOR	
C3190	F1H1C104A041	CAPACITOR	
C3191	ECJ1VB1H102K	C 1000PF, K, 50V	
C3193	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3194	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3195	EEFUD0J101R	CAPACITOR	
C3196	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3197	EEFUD0J101R	CAPACITOR	
C3198	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3199	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3200	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3201	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3202	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3203	ECJ3YB0J106M	C 10UF, 6.3V	
C3204	ECJ3YB0J106M	C 10UF, 6.3V	
C3205	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3206	F1H1H562A219	CAPACITOR	
C3207	ECJ1VB1H222K	CAPACITOR	
C3208	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3209	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3210	ECJ1VB1C223K	CAPACITOR	
C3211	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3212	ECJ1VB1C563K	CAPACITOR	
C3213	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3214	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3215	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3216	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3217	EEHHP1E4R7R	CAPACITOR	
C3218	ECJ1VB1H472K	C 4700PF, K, 50V	
C3219	EEHHP1E4R7R	CAPACITOR	
C3220	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3221	F1H1A105A036	CAPACITOR	
C3222	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3223	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3224	ECJ3YB1C105K	CAPACITOR	
C3225	ECJ1VB1H103K	C 0.01UF, K, 50V	
C3226	ECJ3YB1C105K	CAPACITOR	
C3227	ECJ1VC1H221J	CAPACITOR	
C3228	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3229	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3230	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3231	ECJ1VC1H391J	C 390PF, J, 50V	
C3232	ECJ1VC1H270J	C 27PF, J, 50V	
C3233	F1H1H181A792	CAPACITOR	
C3234	F1H1A105A036	CAPACITOR	
C3236	F1H1A105A036	CAPACITOR	
C3237	F1H1A105A036	CAPACITOR	
C3238	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3239	F1H1A105A036	CAPACITOR	
C3240	ECJ1VF1C104Z	C 0.1UF, Z, 16V	

Ref. No.	Part No.	Part Name & Description	Remarks
C3241	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3242	FLJ1C2250009	CAPACITOR	
C3243	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3244	F2G1C1000013	CAPACITOR	
C3245	EEFUD0J101R	CAPACITOR	
C3246	F2G0G2210009	CAPACITOR	
C3247	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3248	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3249	F2G0J3300003	CAPACITOR	
C3250	F2G0J3300003	CAPACITOR	
C3251	F2G0J3300003	CAPACITOR	
C3252	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3253	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3254	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3255	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3256	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3257	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3259	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3260	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3261	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3262	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3263	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3264	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3265	F2G0J3300003	CAPACITOR	
C3266	ECA1EHG331	E 330UF, 25V	
C3267	ECA1CHG101	E 100UF, 16V	
C3268	ECA1CHG101	E 100UF, 16V	
C3269	ECA1EHG101	E 100UF, 25V	
C3270	ECA1CHG101	E 100UF, 16V	
C3271	ECA1EHG331	E 330UF, 25V	
C3272	F1H1A105A036	CAPACITOR	
C3273	F1H1A105A036	CAPACITOR	
C3274	F1H1A105A036	CAPACITOR	
C3275	F1H1A105A036	CAPACITOR	
C3276	F1H1A105A036	CAPACITOR	
C3277	F1H1C105A008	CAPACITOR	
C3278	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3279	F2G1C101A032	CAPACITOR	
C3280	F1H1A105A036	CAPACITOR	
C3284	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3286	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3287	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3288	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3289	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C3290	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C6001	F1G1C104A077	CAPACITOR	
C6002	F1G1C104A077	CAPACITOR	
C6003	F1G1C104A077	CAPACITOR	
C6004	F1G1C104A077	CAPACITOR	
C6005	F1G1C104A077	CAPACITOR	
C6006	F2G1C4700014	CAPACITOR	
C6007	F1G1C104A077	CAPACITOR	
C6008	F1G1C104A077	CAPACITOR	
C6009	F1G1C104A077	CAPACITOR	
C6010	F1G1C104A077	CAPACITOR	
C6011	F1G1C104A077	CAPACITOR	
C6012	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C6013	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C6014	F2G1C4700014	CAPACITOR	
C6015	F1G1C104A077	CAPACITOR	
C6016	F1G1C104A077	CAPACITOR	
C6017	F1H1C105A008	CAPACITOR	
C6018	F1G1C104A077	CAPACITOR	
C6019	F1G1C104A077	CAPACITOR	
C6020	F1G1C104A077	CAPACITOR	
C6021	F1G1C104A077	CAPACITOR	
C6022	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C6023	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C6024	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C6025	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C6026	F1G1C104A077	CAPACITOR	
C6027	F1G1C104A077	CAPACITOR	
C6028	F1G1C104A077	CAPACITOR	

Ref. No.	Part No.	Part Name & Description	Remarks
C6029	F1G1C104A077	CAPACITOR	
C6030	F1G1C104A077	CAPACITOR	
C6031	F1G1C104A077	CAPACITOR	
C6032	F1G1C104A077	CAPACITOR	
C6033	F1G1C104A077	CAPACITOR	
C6041	F1G1C104A077	CAPACITOR	
C6042	F1H1H1010005	CAPACITOR	
C6043	F1G1C104A077	CAPACITOR	
C6044	F1H1H1010005	CAPACITOR	
C6200	F1G1C104A077	CAPACITOR	
C6201	F1G1C104A077	CAPACITOR	
C6202	F1G1C104A077	CAPACITOR	
C6203	F1G1C104A077	CAPACITOR	
C6204	F1G1C104A077	CAPACITOR	
C6205	F1G1C104A077	CAPACITOR	
C6206	F1G1C104A077	CAPACITOR	
C6207	F1G1C104A077	CAPACITOR	
C6208	F1G1C104A077	CAPACITOR	
C6209	F1G1C104A077	CAPACITOR	
C6210	F1G1C104A077	CAPACITOR	
C6211	F1G1C104A077	CAPACITOR	
C6212	F1G1C104A077	CAPACITOR	
C6213	F1G1C104A077	CAPACITOR	
C6214	F1G1C104A077	CAPACITOR	
C6215	F1G1C104A077	CAPACITOR	
C6216	F1G1C104A077	CAPACITOR	
C6217	EEHBOG101R	E 100UF, 4V	
C6218	F1G1C104A077	CAPACITOR	
C6219	F2G0J3300014	CAPACITOR	
C6220	F1G1C104A077	CAPACITOR	
C6221	F1H1C105A008	CAPACITOR	
C6222	F1H1C105A008	CAPACITOR	
C6223	F2G0J4700010	CAPACITOR	
C6224	F1H1H120A860	CAPACITOR	
C6225	F1H1H120A860	CAPACITOR	
C6226	F1H1H1010005	CAPACITOR	
C6227	F1H1H1010005	CAPACITOR	
C6228	F1H1H1010005	CAPACITOR	
C6229	F1H1H1010005	CAPACITOR	
C6230	F1H1C105A008	CAPACITOR	
C6501	F1L1C226A007	CAPACITOR	
C6502	F1G1C104A077	CAPACITOR	
C6503	F1L1C226A007	CAPACITOR	
C6504	F1L1C226A007	CAPACITOR	
C6505	F1L1C226A007	CAPACITOR	
C6506	ECJ1VB1H103K	C 0.01UF, K, 50V	
C6507	F1G1C104A077	CAPACITOR	
C6508	F1G1C104A077	CAPACITOR	
C6509	F1H1H222A219	CAPACITOR	
C6510	F1L1C226A007	CAPACITOR	
C6511	F1H1H222A219	CAPACITOR	
C6512	F1H1H222A219	CAPACITOR	
C6513	ECJ1VC1H101J	C 100PF, J, 50V	
C6514	ECJ1VC1H101J	C 100PF, J, 50V	
C6515	ECJ1VC1H220J	CAPACITOR	
C6516	ECJ1VC1H220J	CAPACITOR	
C6517	ECJ1VC1H220J	CAPACITOR	
C6518	F1L1C226A007	CAPACITOR	
C6519	F1L1C226A007	CAPACITOR	
C6520	F1L1C226A007	CAPACITOR	
C6521	F1L1C226A007	CAPACITOR	
C6522	F1G1C104A077	CAPACITOR	
C6523	F1G1C104A077	CAPACITOR	
C6524	F1G1C104A077	CAPACITOR	
C6525	F1G1C104A077	CAPACITOR	
C6526	F1G1C104A077	CAPACITOR	
C6528	F1G1C104A077	CAPACITOR	
C6529	F1G1C104A077	CAPACITOR	
C6530	F2G1E3300010	CAPACITOR	
C6531	F2G1E3300010	CAPACITOR	
C6532	F2G1E3300010	CAPACITOR	
C6533	F2G1E3300010	CAPACITOR	
C6538	F1G1C104A077	CAPACITOR	

Ref. No.	Part No.	Part Name & Description	Remarks
C6539	F1G1C104A077	CAPACITOR	
C6540	F1G1C104A077	CAPACITOR	
C6541	F1G1C104A077	CAPACITOR	
C6542	F1G1C104A077	CAPACITOR	
C6543	F1G1C104A077	CAPACITOR	
C6544	F1G1C104A077	CAPACITOR	
C6545	F1G1C104A077	CAPACITOR	
C6546	F1H1C105A008	CAPACITOR	
C6547	F1H1C105A008	CAPACITOR	
C6548	F2G0J4700010	CAPACITOR	
C6549	F1H1H120A860	CAPACITOR	
C6550	F1H1H120A860	CAPACITOR	
C6551	F1H1C105A008	CAPACITOR	
C6552	F1H1E105A126	CAPACITOR	
C6553	F1H1H8210002	CAPACITOR	
C6554	ECJ1VB1H472K	C 4700PF, K, 50V	
C6555	ECJ1VB1H152K	CAPACITOR	
C6556	ECJ1VB1H332K	CAPACITOR	
C6557	F2G1E3300010	CAPACITOR	
C6558	ECJ1VF1C474Z	CAPACITOR	
C6559	F1H1E105A126	CAPACITOR	
C6560	F1H1E105A126	CAPACITOR	
C6561	F1H1C224A074	CAPACITOR	
C6562	F1H1E105A126	CAPACITOR	
C6563	ECJ1VF1C474Z	CAPACITOR	
C6564	F2G1E3300010	CAPACITOR	
C6565	F1H1E105A126	CAPACITOR	
C6566	F1H1E105A126	CAPACITOR	
C6567	F1H1E105A126	CAPACITOR	
C6568	F1H1E105A126	CAPACITOR	
C6569	F1H1C224A074	CAPACITOR	
C6570	ECJ1VC1H221J	CAPACITOR	
C6571	F2G1E3300010	CAPACITOR	
C6572	F1H1C105A008	CAPACITOR	
C6574	F1H1H104A220	CAPACITOR	
C6576	F1H1C105A008	CAPACITOR	
C6577	F1H1H104A220	CAPACITOR	
C6578	F1H1H104A220	CAPACITOR	
C6579	F1H1C105A008	CAPACITOR	
C6580	F1H1H104A220	CAPACITOR	
C6583	ECJ1VB1H103K	C 0.01UF, K, 50V	
C6584	ECJ1VB1H103K	C 0.01UF, K, 50V	
C6585	F1G1C104A077	CAPACITOR	
C6586	F1G1C104A077	CAPACITOR	
C6587	F1G1C104A077	CAPACITOR	
C6592	F1H1H104A220	CAPACITOR	
C6593	F1H1C105A008	CAPACITOR	
C6599	F1H1H104A220	CAPACITOR	
C6601	F1H1E105A126	CAPACITOR	
C6602	F2G1E3300010	CAPACITOR	
C6603	F1H1E105A126	CAPACITOR	
C6604	F2G1E3300010	CAPACITOR	
C6609	F1H1C105A008	CAPACITOR	
C6610	F1H1C105A008	CAPACITOR	
C6611	F1H1C105A008	CAPACITOR	
C6612	F1H1C105A008	CAPACITOR	
C6613	F2G0J4700010	CAPACITOR	
C6614	F2G0J4700010	CAPACITOR	
C6615	F2G0J4700010	CAPACITOR	
C6616	F2G0J4700010	CAPACITOR	
C6617	F1G1C104A077	CAPACITOR	
C6618	F1G1C104A077	CAPACITOR	
C6619	F1G1C104A077	CAPACITOR	
C6620	F1G1C104A077	CAPACITOR	
C6621	F1G1C104A077	CAPACITOR	
C6701	F1G1C104A077	CAPACITOR	
C6702	F2G1E3300010	CAPACITOR	
C6704	F1G1C104A077	CAPACITOR	
C6705	F2G1E3300010	CAPACITOR	
C6707	F1G1C104A077	CAPACITOR	
C6708	F2G1E3300010	CAPACITOR	
C6710	F1G1C104A077	CAPACITOR	
C6711	F2G1E3300010	CAPACITOR	

Ref. No.	Part No.	Part Name & Description	Remarks
C6801	F1L1C226A007	CAPACITOR	
C6802	F1G1C104A077	CAPACITOR	
C6803	ECJ1VB1H103K	C 0.01UF, K, 50V	
C6804	F2G1E3300010	CAPACITOR	
C6805	F1G1C104A077	CAPACITOR	
C6806	ECJ1VB1H103K	C 0.01UF, K, 50V	
C6809	F1H1H222A219	CAPACITOR	
C6810	ECJ1VB1H103K	C 0.01UF, K, 50V	
C6813	ECJ1VC1H220J	CAPACITOR	
C6814	ECJ1VC1H101J	C 100PF, J, 50V	
C6817	F1L1C226A007	CAPACITOR	
C6818	F1L1C226A007	CAPACITOR	
C6819	F1L1C226A007	CAPACITOR	
C6820	F1L1C226A007	CAPACITOR	
C6822	F1G1C104A077	CAPACITOR	
C6823	F1G1C104A077	CAPACITOR	
C6824	F1G1C104A077	CAPACITOR	
C6825	F1G1C104A077	CAPACITOR	
C6830	ECJ1VB1H103K	C 0.01UF, K, 50V	
C6831	F2G1E3300010	CAPACITOR	
C6832	F1G1C104A077	CAPACITOR	
C6833	F2G1E3300010	CAPACITOR	
C6834	F1H1H222A219	CAPACITOR	
C6836	ECJ1VC1H220J	CAPACITOR	
C6838	F1G1C104A077	CAPACITOR	
C6839	F1G1C104A077	CAPACITOR	
C6840	F1G1C104A077	CAPACITOR	
C6841	F1G1C104A077	CAPACITOR	
C6842	F1G1C104A077	CAPACITOR	
C6843	F1G1C104A077	CAPACITOR	
C6844	F1G1C104A077	CAPACITOR	
C6845	F1G1C104A077	CAPACITOR	
C6846	F1G1C104A077	CAPACITOR	
C6849	F1G1C104A077	CAPACITOR	
C6851	F1G1C104A077	CAPACITOR	
C6852	F1G1C104A077	CAPACITOR	
C6901	F1H1H221A792	CAPACITOR	
C6902	F1H1H221A792	CAPACITOR	
C6903	F1H1H221A792	CAPACITOR	
C6904	F1H1H221A792	CAPACITOR	
C6905	F1H1H221A792	CAPACITOR	
C9603	F0CZZ4740002	CAPACITOR (B-PCB)	
C9610	F0C2G1050004	CAPACITOR (B-PCB)	
C9615	F0C3C4720003	CAPACITOR (B-PCB)	
C9618	F0C2J1540004	CAPACITOR (B-PCB)	
C9619	F0C2J1540004	CAPACITOR (B-PCB)	
[OTHERS]			
A1	K1KA06BA0040	6P CONNECTOR	
A2	K1KA13BA0051	13P CONNECTOR	
A3	K1KA10AA0153	10P CONNECTOR	
A4	K1KA10AA0153	10P CONNECTOR	
A5	K1KA10AA0153	10P CONNECTOR	
A6	K1KAB0A00011	CONNECTOR	
A7	K1KAB0A00011	CONNECTOR	
A8	K1KAA0A00138	CONNECTOR	
A9	K1KA09A00220	9P CONNECTOR	
A10	K1KA09A00220	9P CONNECTOR	
A11	K1KA09A00220	9P CONNECTOR	
A24	K1KA02AA0104	2P CONNECTOR	
A25	K1KA02AA0104	2P CONNECTOR	
A28	K1KA40AA0184	40P CONNECTOR	
A36	K1KA05A00466	5P CONNECTOR	
A37	K1KA06A00508	6P CONNECTOR	
A38	K1KA05AA0104	5P CONNECTOR	
A39	K1KA07A00292	7P CONNECTOR	
A40	K1KA02A00787	2P CONNECTOR	
B2501	BCR20V4	BATTERY HOLDER	
G1	K1KBB0A00006	CONNECTOR	
G2	K1KA11BA0086	11P CONNECTOR	
G4	K1KA11BA0086	11P CONNECTOR	
G5	K1KA06A00508	6P CONNECTOR	

Ref. No.	Part No.	Part Name & Description	Remarks
G6	K1KA07A00292	7P CONNECTOR	
G7	K1KA10BA0051	10P CONNECTOR	
G8	K1KA10AA0178	10P CONNECTOR	
G9	K1KA07A00292	7P CONNECTOR	
G10	K1KA06AA0104	6P CONNECTOR	
G11	K1KA06AA0104	6P CONNECTOR	
G12	K1KA09A00220	9P CONNECTOR	
G13	K1KA03A00632	3P CONNECTOR	
G14	K1KA20AA0178	20P CONNECTOR	
G15	K1KA20AA0178	20P CONNECTOR	
G16	K1KA04AA0104	4P CONNECTOR	
G17	K1KA03AA0104	3P CONNECTOR	
G25	K1KA02AA0104	2P CONNECTOR	
G26	K1KA05A00466	5P CONNECTOR	
G27	K1KA05AA0104	5P CONNECTOR	
G29	K1KA03AA0263	3P CONNECTOR	
G32	K1KA14A00135	14P CONNECTOR	
G33	K1KA10A00443	10P CONNECTOR	
G42	K1KA06A00508	6P CONNECTOR	
JK3001	K1AY104B0004	CONNECTOR	
JK3002	K1QBB2YB0001	CONNECTOR	
JK3003	K1QBB1YB0001	CONNECTOR	
JK3004	K1QBB2YB0001	CONNECTOR	
JK3005	K1QBB2YB0001	CONNECTOR	
JK3006	K1FB115B0102	D-SUB (15PIN)	
JK3007	K1FB124B0026	DVI CONNECTOR	
JK6001	K2HC103B0204	TERMINAL	
JK6002	K2HC103B0203	TERMINAL	
JK6003	K1FB109B0070	D-SUB (9PIN)	
JK6004	K1FB109B0070	D-SUB (9PIN)	
JK6005	K1FB109B0070	D-SUB (9PIN)	
JK6006	K1FA109B0061	D-SUB (9PIN)	
JK6007	K2LC108B0064	TERMINAL	
S9602	A9BZ00000013	SPARKGAP (B-PCB)	
SW9601	K0BDB0000082	SWITCH	
T9604	G4F3A0000004	TRANS	△
X2002	H1A2705B0040	CRYSTAL	
X2501	H0J327200114	CRYSTAL	
X2502	H0J147500021	CRYSTAL	
X3001	H0J202500002	CRYSTAL	
X6001	H0J200500048	CRYSTAL	
X6501	H0J200500048	CRYSTAL	
ZA3001	K4AD01D00005	TERMINAL	
ZA3002	K4CD01000011	TERMINAL	
ZA3003	K4CD01000011	TERMINAL	
ZA3004	K4AD01D00005	TERMINAL	
ZA3005	K4AD01D00005	TERMINAL	
ZA3006	K4AD01D00005	TERMINAL	
ZA3007	K4AA04D00001	TERMINAL	
ZA6001	K4AD01D00005	TERMINAL	
ZA6002	K4CD01000011	TERMINAL	
ZA6003	K4AD01D00005	TERMINAL	
ZA6004	K4CD01000011	TERMINAL	
ZA6005	K4AD01D00005	TERMINAL	
RTL	TXN/A1VKH1	CIRCUIT BOARD A	△ DZ12000U/E
	TXN/A1VKH2	CIRCUIT BOARD A	△ D12000U/E
	TXN/A1VKH3	CIRCUIT BOARD A	△ DW100U/E
RTL	TNPA4574	CIRCUIT BOARD G	△
	ETXMM628MEE	CIRCUIT BOARD K	△
	TNPA3650AC	CIRCUIT BOARD NN	△
	TNPA3938	CIRCUIT BOARD S	△
	TNPA3939AB	CIRCUIT BOARD R	△
	TNPA3946	CIRCUIT BOARD L1	△
	TNPA3947	CIRCUIT BOARD L2	△
	TNPA3948	CIRCUIT BOARD L3	△
	TNPA3949	CIRCUIT BOARD L4	△
	TNPA3956	CIRCUIT BOARD H	△
	TNPA4124	CIRCUIT BOARD R3	△
	TNPA4125AB	CIRCUIT BOARD SL	△
	TNPA4126	CIRCUIT BOARD CL	△
	TNPA4227	CIRCUIT BOARD LH	△
	TNPA4228	CIRCUIT BOARD LV	△

Ref. No.	Part No.	Part Name & Description	Remarks
	TNPA4575	CIRCUIT BOARD FH	⚠ D12000U/E (WUXGA)
	TNPA4575AB	CIRCUIT BOARD FH	⚠ D12000U/E (SXGA+)
	TNPA3950AD	CIRCUIT BOARD FH	⚠ DW100U/E (WXGA)
	TNPA4578	CIRCUIT BOARD WF	⚠ DZ12000U/E, D12000U/E
	TNPA4582	CIRCUIT BOARD J	⚠
	TNPA4583	CIRCUIT BOARD J2	⚠
	TNPA4584	CIRCUIT BOARD J3	⚠
	TNPA4585	CIRCUIT BOARD R2	⚠
	TXN/B1VKH1	BALLAST UNIT	⚠
	ETX1MM722MC	CIRCUIT BOARD PFC	⚠
	ETX1MM723MA	CIRCUIT BOARD PC	⚠

Control Commands

PT-DZ12000*

PT-D12000*

PT-DW100*

Using the Serial Terminals

1. Basic Format

Transmission from the computer begins with STX, then the ID, command, parameter, and ETX are sent in this order. Add parameters according to the details of control.

Basic control command (without parameter)

Start (STX)	ID	Separator (semicolon)	Command	End (ETX)
1 byte	4 bytes	1 byte	3 bytes	1 byte

Basic control command (with parameters)

Start (STX)	ID	Separator (semicolon)	Command	Separator (colon)	Parameters	End (ETX)
1 byte	4 bytes	1 byte	3 bytes	1 byte	Undefined length	1 byte

Basic control command (with subcommand; numeric specification)

Start (STX)	ID	Separator (semicolon)	Command	Separator (colon)		
1 byte	4 bytes	1 byte	3 bytes	1 byte		
Subcommand		Operation	Sign	Parameters		End (ETX)
5 bytes		1 byte	1 byte	5 bytes		1 byte

Operation

Specifies method of processing the value specified by parameters.

Code	Description of processing
=	Sets the value specified by parameters.
_ (underbar)	Adds the value specified by parameters to the current value.

Sign

Specifies positive or negative of the value specified by parameters.

Code	Description
+	The value specified by parameters is a positive number (including 0).
-	The value specified by parameters is a negative number.

Parameters

Sets the setting or the adjustment value without zero suppression by the right justification of five digits. For example, set as "00001" when a setting value is 1.

Basic control command (with subcommand; character-string specification)

Start (STX)	ID	Separator (semicolon)	Command	Separator (colon)	
1 byte	4 bytes	1 byte	3 bytes	1 byte	
Subcommand		=	Parameters		End (ETX)
5 bytes		1 byte	Variable-length		1 byte

Parameters

The maximum length and the character that can be set vary depending on the kind of the subcommand. Moreover, the end of the character string is not NULL (00h) but ETX (03h).

ID of the basic control command

ID	4 bytes String	ID	4 bytes String	ID	4 bytes String	ID	4 bytes String
ALL	ADZZ	ID23	AD23	ID46	AD46	Group E	AD0E
ID1	AD01	ID24	AD24	ID47	AD47	Group F	AD0F
ID2	AD02	ID25	AD25	ID48	AD48	Group G	AD0G
ID3	AD03	ID26	AD26	ID49	AD49	Group H	AD0H
ID4	AD04	ID27	AD27	ID50	AD50	Group I	AD0I
ID5	AD05	ID28	AD28	ID51	AD51	Group J	AD0J
ID6	AD06	ID29	AD29	ID52	AD52	Group K	AD0K
ID7	AD07	ID30	AD30	ID53	AD53	Group L	AD0L
ID8	AD08	ID31	AD31	ID54	AD54	Group M	AD0M
ID9	AD09	ID32	AD32	ID55	AD55	Group N	AD0N
ID10	AD10	ID33	AD33	ID56	AD56	Group O	AD0O
ID11	AD11	ID34	AD34	ID57	AD57	Group P	AD0P
ID12	AD12	ID35	AD35	ID58	AD58	Group Q	AD0Q
ID13	AD13	ID36	AD36	ID59	AD59	Group R	AD0R
ID14	AD14	ID37	AD37	ID60	AD60	Group S	AD0S
ID15	AD15	ID38	AD38	ID61	AD61	Group T	AD0T
ID16	AD16	ID39	AD39	ID62	AD62	Group U	AD0U
ID17	AD17	ID40	AD40	ID63	AD63	Group V	AD0V
ID18	AD18	ID41	AD41	ID64	AD64	Group W	AD0W
ID19	AD19	ID42	AD42	Group A	AD0A	Group X	AD0X
ID20	AD20	ID43	AD43	Group B	AD0B	Group Y	AD0Y
ID21	AD21	ID44	AD44	Group C	AD0C	Group Z	AD0Z
ID22	AD22	ID45	AD45	Group D	AD0D		

Response (Callback) of the basic control command

In the period when commands can be accepted

Differs according to each command.

In the period when commands cannot be accepted

Hexadecimal	02h	45h	52h	34h	30h	31h	03h
Character		E	R	4	0	1	

In case of the parameter error

Hexadecimal	02h	45h	52h	34h	30h	32h	03h
Character		E	R	4	0	2	

Notes when two or more projectors are used

- Make the communication conditions the same between output/input. IN and OUT can be independently set respectively. (When you set RS-422 OUT of the first projector to 38 400 bps, set RS-422 IN of the second projector to 38 400 bps.)
- Make only one to RESPONSE(ID ALL) ON, and make all of the remainder to RESPONSE(ID ALL) OFF.
- Set ID number different in each projector.
- I/O to RS-422 OUT is not done during MAIN POWER OFF. Turn on MAIN POWER of all projectors.
- Make only one of the each group to RESPONSE(ID GROUP) ON, and make the remainder to RESPONSE(ID GROUP) OFF.

Attention:

- No command may be sent or received for 10 to 60 seconds after the lamp starts lighting. Try sending any command after that period has elapsed.
- When sending several commands, be sure to wait for a response from the projector, and send the next command after 0.5 seconds or more pass.
- It might take time by the time the response returns because the command is processed in the projector. Set the time-out to ten seconds or more.

Notes:

- This projector will respond to the computer only in the following cases:
 - If the sent ID coincides with the projector ID,
RESPONSE(ID ALL) in RS-232C settings of this projector is ON and the sent ID is ALL, or
 - If Group (A-Z) of the sent ID coincides with RS-232C settings of this projector and RESPONSE(ID GROUP) in RS-232C settings of this projector is OFF.
- When the command is received during STNDBY, this projector returns the receiving command as it is as a response (callback) if it is in the period when the concerned command cannot be accepted.
- Each setting/query command concerning P IN P controls operation for information on the user being set currently by the P IN P setting. Therefore, ER401 is returned as a response (callback) when the P IN P setting is OFF.

2. Basic Control Command

Explanatory notes

○: Yes (Enable)

×: No (Disable)

△: Case by case (Refer to the note.)

2.1. Power ON (Lamp ON)

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	50h	4Fh	4Eh	03h
Character		A	D	Z	Z	;	P	O	N	

■ Response (Callback)

In the period when the command can be accepted (This command in power-on condition is included)

Hexadecimal	02h	50h	4Fh	4Eh	03h
Character		P	O	N	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	△

■ Notes:

- When you confirm whether to have succeeded in power-on, confirm it by QPW (query power condition) command after receiving the callback of PON command.
- When REMOTE2 is effective, ER401 is returned as a response (callback).

2.2. Power OFF (Standby)

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	50h	4Fh	46h	03h
Character		A	D	Z	Z	;	P	O	F	

■ Response (Callback)

In the period when the command can be accepted (This command in power-off condition is included)

Hexadecimal	02h	50h	4Fh	46h	03h
Character		P	O	F	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	△

■ Notes:

- When you confirm whether to have succeeded in power-off, confirm it by QPW (Query Power) command after receiving the callback of POF command.
- When REMOTE2 is effective, ER401 is returned as a response (callback).

2.3. AUTO SETUP

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	53h	03h
Character		A	D	Z	Z	;	O	A	S	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	53h	03h
Character		O	A	S	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	×	○	×	○

■ Note:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB PC signals are input. In other cases, ER401 is returned.

2.4. SHUTTER

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	53h	48h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	S	H	:	*2	

■ Parameters (*1, *2)

	Shutter OFF	Shutter ON
Hexadecimal	30h	31h
Character	0	1

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	48h	3Ah	*1	03h
Character		O	S	H	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	△

■ Note:

- The setting by REMOTE2 is given to priority. When a command different from the setting of REMOTE2 is sent, ER402 is returned.

2.5. Freeze

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	46h	5Ah	3Ah	*1	03h
Character		A	D	Z	Z	;	O	F	Z	:	*2	

■ Parameters (*1, *2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	46h	5Ah	3Ah	*1	03h
Character		O	F	Z	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	×	○	○	○

2.6. Input Change

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	49h	49h	53h	3Ah	*1	*3	*5	03h
Character		A	D	Z	Z	;	I	I	S	:	*2	*4	*6	

■ Parameters (*1, *2, *3, *4, *5, *6)

	RGB1			RGB2		
Hexadecimal	52h	47h	31h	52h	47h	32h
Character	R	G	1	R	G	2
	VIDEO			S-VIDEO		
Hexadecimal	56h	49h	44h	53h	56h	44h
Character	V	I	D	S	V	D
	DVI			AUX		
Hexadecimal	44h	56h	49h	41h	55h	58h
Character	D	V	I	A	U	X

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	49h	49h	53h	3Ah	*1	*3	*5	03h
Character		I	I	S	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	○	○	○	○	○	△

■ Notes:

- REMOTE2 is given to priority. Calls back ER402 if the input select of REMOTE2 is available.
- When AUX is specified for the parameter with incompatible input module installed in the slot, ER401 is returned.
- When AUX is specified for the parameter with no input module installed in the slot, ER402 is returned.

2.7. TEST PATTERN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	54h	53h	3Ah	*1	*3	03h
Character		A	D	Z	Z	;	O	T	S	:	*2	*4	

■ Parameters (*1, *2, *3, *4)

	OFF		White		Black		Flag		Reversed flag	
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	0	0	1	0	2	0	3	0	4
	Window		Reversed window		Focus		Colorbar		Gray 1 (20% brightness)	
Hexadecimal	30h	35h	30h	36h	30h	37h	30h	38h	31h	30h
Character	0	5	0	6	0	7	0	8	1	0
	Ramp		White		Red		Green		Blue	
Hexadecimal	31h	31h	32h	31h	32h	32h	32	33	32h	34h
Character	1	1	2	1	2	2	2	3	2	4
	10% brightness (White)		5% brightness (White)		Cyan		Magenta		Yellow	
Hexadecimal	32h	35h	32h	36h	32h	38h	32h	39h	33h	30h
Character	2	5	2	6	2	8	2	9	3	0

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	54h	53h	3Ah	*1	*3	03h
Character		O	T	S	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

2.8. ON SCREEN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Fh	53h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	O	S	:	*2	

■ Parameters (*1, *2)

	Shutter OFF		Shutter ON	
Hexadecimal	30h		31h	
Character	0		1	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Fh	53h	3Ah	*1	03h
Character		O	O	S	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	×	○	○	○

■ Note:

- When the display setting of SECURITY is not OFF, ER401 is returned.

2.9. MENU key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Dh	4Eh	03h
Character		A	D	Z	Z	;	O	M	N	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Dh	4Eh	03h
Character		O	M	N	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	×	○	○	○

2.10. ENTER key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	45h	4Eh	03h
Character		A	D	Z	Z	;	O	E	N	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	4Eh	03h
Character		O	E	N	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	×	○	○	○

2.11. Up (↑) key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	55h	03h
Character		A	D	Z	Z	;	O	C	U	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	55h	03h
Character		O	C	U	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	×	○	○	○

2.12. Down (↓) key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	44h	03h
Character		A	D	Z	Z	;	O	C	D	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	44h	03h
Character		O	C	D	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	×	○	○	○

2.13. Left (←) key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	4Ch	03h
Character		A	D	Z	Z	;	O	C	L	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	4Ch	03h
Character		O	C	L	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	×	○	○	○

2.14. Right (→) key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	52h	03h
Character		A	D	Z	Z	;	O	C	R	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	52h	03h
Character		O	C	R	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	×	○	○	○

2.15. DEFAULT key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	53h	54h	03h
Character		A	D	Z	Z	;	O	S	T	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	54h	03h
Character		O	S	T	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	×	○	○	○

2.16. FUNC1 key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	46h	43h	31h	03h
Character		A	D	Z	Z	;	F	C	1	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	46h	43h	31h	03h
Character		F	C	1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	△	△	○	△	△

■ Note:

- The acceptability conforms to the function allocated in FUNC1.

2.17. SYSTEM SELECTOR

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	53h	4Ch	03h
Character		A	D	Z	Z	;	O	S	L	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	4Ch	03h
Character		O	S	L	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	○	○	○

■ Note:

- When the input signal is not switchable, ER401 is returned.

2.18. ASPECT key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	31h	03h
Character		A	D	Z	Z	;	V	S	1	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	31h	03h
Character		V	S	1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	×	○	○	○

2.19. Numeric key

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Eh	4Bh	3Ah	*1	03h
Character		A	D	Z	Z	;	O	N	K	:	*2	

■ Parameters (*1, *2)

	0 key	1 key	2 key	3 key	4 key	5 key	6 key	7 key	8 key	9 key
Hexadecimal	30h	31h	32h	33h	34h	35h	36h	37h	38h	39h
Character	0	1	2	3	4	5	6	7	8	9

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Eh	4Bh	3Ah	*1	03h
Character		O	N	K	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	×	○	○	○

2.20. LAMP SELECT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Ch	50h	4Dh	3Ah	*1	*3	03h
Character		A	D	Z	Z	;	L	P	M	:	*2	*4	

■ Parameters (*1, *2, *3, *4)

	QUAD		L1/L4		L2/L3		DUAL		L1/L2/L3	
Hexadecimal	30h	30h	30h	31h	30h	32h	33h	33h	30h	34h
Character	0	0	0	1	0	2	0	3	0	4
	L1/L2/L4		L1/L3/L4		L2/L3/L4		TRIPLE		L1	
Hexadecimal	30h	35h	30h	36h	30h	37h	30h	38h	30h	39h
Character	0	5	0	6	0	7	0	8	0	9
	L2		L3		L4		SINGLE			
Hexadecimal	31h	30h	31h	31h	31h	32h	31h	33h		
Character	1	0	1	1	1	2	1	3		

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Ch	50h	4Dh	3Ah	*1	*3	03h
Character		L	P	M	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	○	○	○	×	○	○

■ Note:

- During the lamp change processing, ER401 is returned.

2.21. INSTALLATION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	49h	4Ch	3Ah	*1	03h
Character		A	D	Z	Z	;	O	I	L	:	*2	

■ Parameters (*1, *2)

	FRONT-FLOOR		REAR-FLOOR		FRONT-CEILING		REAR-CEILING	
Hexadecimal	30h		31h		32h		33h	
Character	0		1		2		3	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	49h	4Ch	3Ah	*1	03h
Character		O	I	L	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	○	○	○	×	○	○

2.22. FUNC1

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	46h	43h	3Ah
Character		A	D	Z	Z	;	O	F	C	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■ Parameters (*1, *2, *3, *4)

	P IN P			SUB MEMORY			SYSTEM SELECTOR		
Hexadecimal	30h			32h			34h		
Character	0			2			4		
	SYSTEM DAYLIGHT VIEW			FREEZE			DISABLE		
Hexadecimal	35h			36h			2Dh	31h	
Character	5			6			-	1	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	46h	43h	3Ah	*1	*3	03h
Character		O	F	C	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	○	○	○	○	○	○

■ Note:

- Parameters *3 and *4 are specified only in case of two digits.

2.23. SUB MEMORY CHANGE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	53h	3Ah
Character		A	D	Z	Z	;	O	C	S	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■ Parameters (*1, *2, *3, *4)

*nn of submemory number (mm·nn)

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	93		94		95		96	
Hexadecimal	39h	33h	39h	34h	39h	35h	39h	36h
Character	9	3	9	4	9	5	9	6

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	53h	3Ah	*1	*3	03h
Character		O	C	S	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○

2.24. SUB MEMORY CHANGE (Enhanced)

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	53h	3Ah
Character		A	D	Z	Z	;	O	C	S	:
Hexadecimal	*1	*3	2Dh	*5	*7	03h				
Character	*2	*4	-	*6	*8					

■ Parameters

mm of submemory number (mm·nn) (*1, *2, *3, *4)

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	92		93		94		95	
Hexadecimal	39h	32h	39h	33h	39h	34h	39h	35h
Character	9	2	9	3	9	4	9	5

nn of submemory number (mm·nn) (*5, *6, *7, *8)

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	93		94		95		96	
Hexadecimal	39h	33h	39h	34h	39h	35h	39h	36h
Character	9	3	9	4	9	5	9	6

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	53h	3Ah	*1	*3	2Dh	*5	*7	03h
Character		O	C	S	:	*2	*4	-	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○

2.25. SUB MEMORY STORE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	45h	53h	03h
Character		A	D	Z	Z	;	O	E	S	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	53h	03h
Character		O	E	S	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○

2.26. SUB MEMORY DELETE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	44h	53h	3Ah
Character		A	D	Z	Z	;	O	D	S	:
Hexadecimal	*1	*3	2Dh	*5	*7	03h				
Character	*2	*4	-	*6	*8					

■ Parameters (*1, *2, *3, *4, *5, *6)

mm of submemory number (mm·nn) (*1,*2)

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	92		93		94		95	
Hexadecimal	39h	32h	39h	33h	39h	34h	39h	35h
Character	9	2	9	3	9	4	9	5

nn of submemory number (mm·nn) (*3,*4)

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	93		94		95		96	
Hexadecimal	39h	33h	39h	34h	39h	35h	39h	36h
Character	9	3	9	4	9	5	9	6

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	44h	53h	3Ah	*1	*3	2Dh	*5	*7	03h
Character		O	D	S	:	*2	*4	-	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

2.27. PICTURE MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	50h	4Dh	3Ah
Character		A	D	Z	Z	;	V	P	M	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	DYNAMIC			GRAPHIC			USER		
Hexadecimal	44h	59h	4Eh	47h	52h	41h	55h	53h	52h
Character	D	Y	N	G	R	A	U	S	R
	STANDARD			CINEMA			NATURAL		
Hexadecimal	53h	54h	44h	43h	49h	4Eh	4Eh	41h	54h
Character	S	T	D	C	I	N	N	A	T

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	50h	4Dh	3Ah	*1	*3	*5	03h
Character		V	P	M	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

2.28. COLOR

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	43h	4Fh	3Ah
Character		A	D	Z	Z	;	V	C	O	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	-50			-49			-48		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	48			49			50		
Hexadecimal	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	8	0	9	9	1	0	0

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	43h	4Fh	3Ah	*1	*3	*5	03h
Character		V	C	O	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○

■ Note:

- It is displayed in the menu by the value in which 50 is subtracted from the specified value.

2.29. TINT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	4Eh	3Ah
Character		A	D	Z	Z	;	V	T	N	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	-31			-30			-29		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	29			30			31		
Hexadecimal	30h	36h	30h	30h	36h	31h	30h	36h	32h
Character	0	6	0	0	6	1	0	6	2

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	54h	4Eh	3Ah	*1	*3	*5	03h
Character		V	T	N	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○

■ Note:

- It is displayed in the menu by the value in which 31 is subtracted from the specified value.

2.30. COLOR TEMP.

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	54h	45h	3Ah
Character		A	D	Z	Z	;	O	T	E	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■ Parameters (*1, *2, *3, *4)

	LOW	MIDDLE	HIGH	USER1	USER2	DEFAULT
Hexadecimal	30h	31h	32h	34h	39h	31h 30h
Character	0	1	2	4	9	1 0

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	54h	45h	3Ah	*1	*3	03h
Character		O	T	E	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- If you specify parameters other than USER1 when COLOR MATCHING is not OFF, ER402 is returned.

2.31. WHITE BALANCE LOW - R

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Fh	52h	3Ah
Character		A	D	Z	Z	;	V	O	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Fh	52h	3Ah	*1	*3	*5	03h
Character		V	O	R	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Notes:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.
- It is displayed in the menu by the value in which 128 is subtracted from the specified value.

2.32. WHITE BALANCE LOW - G

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Fh	47h	3Ah
Character		A	D	Z	Z	;	V	O	G	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Fh	47h	3Ah	*1	*3	*5	03h
Character		V	O	G	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Notes:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.
- It is displayed in the menu by the value in which 128 is subtracted from the specified value.

2.33. WHITE BALANCE LOW - B

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Fh	42h	3Ah
Character		A	D	Z	Z	;	V	O	B	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Fh	42h	3Ah	*1	*3	*5	03h
Character		V	O	B	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Notes:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.
- It is displayed in the menu by the value in which 128 is subtracted from the specified value.

2.34. WHITE BALANCE HIGH - R

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	48h	52h	3Ah
Character		A	D	Z	Z	;	V	H	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	48h	52h	3Ah	*1	*3	*5	03h
Character		V	H	R	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.

2.35. WHITE BALANCE HIGH - G

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	48h	47h	3Ah
Character		A	D	Z	Z	;	V	H	G	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	48h	47h	3Ah	*1	*3	*5	03h
Character		V	H	G	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.

2.36. WHITE BALANCE HIGH - B

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	48h	42h	3Ah
Character		A	D	Z	Z	;	V	H	B	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	48h	42h	3Ah	*1	*3	*5	03h
Character		V	H	B	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.

2.37. CONTRAST

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	43h	4Eh	3Ah
Character		A	D	Z	Z	;	V	C	N	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	29			30			31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	43h	4Eh	3Ah	*1	*3	*5	03h
Character		V	C	N	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○

■ Note:

- It is displayed in the menu by the value in which 32 is subtracted from the specified value.

2.38. BRIGHTNESS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	42h	52h	3Ah
Character		A	D	Z	Z	;	V	B	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	31h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	29			30			31		
Hexadecimal	30h	36h	30h	30h	36h	31h	30h	36h	32h
Character	0	6	1	0	6	2	0	6	3

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	42h	52h	3Ah	*1	*3	*5	03h
Character		V	B	R	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○

■ Note:

- It is displayed in the menu by the value in which 32 is subtracted from the specified value.

2.39. SYSTEM DAYLIGHT VIEW

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	44h	4Ch	56h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	D	L	V	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

	OFF					1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	2					3				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	4Ch	56h	49h	30h
Character		V	X	X	:	D	L	V	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- For PT-DW100*, ER401 is returned.

2.40. SHARPNESS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	52h	3Ah
Character		A	D	Z	Z	;	V	S	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	13			14			15		
Hexadecimal	30h	31h	33h	30h	31h	34h	30h	31h	35h
Character	0	1	3	0	1	4	0	1	5

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	52h	3Ah	*1	*3	*5	03h
Character		V	S	R	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○

2.41. NOISE REDUCTION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Eh	53h	3Ah
Character		A	D	Z	Z	;	V	N	S	:
Hexadecimal	*1	03h								
Character	*2									

■ Parameters (*1, *2)

	OFF		ON or 1		2	3
Hexadecimal	30h		31h		32h	33h
Character	0		1		2	3

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Eh	53h	3Ah	*1	03h
Character		V	N	S	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○

■ Notes:

- When FRAME DELAY is set to SHORT, ER401 is returned.
- During P IN P, ER401 is returned.

2.42. DYNAMIC IRIS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	49h	3Ah
Character		A	D	Z	Z	;	O	A	I	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2)

Mode

	OFF	1	2	3	USER	AUTO IRIS	MANUAL IRIS	DYNAMIC GAMMA
Hexadecimal	30h	31h	32h	33h	34h	41h	4Dh	44h
Character	0	1	2	3	4	A	M	D

* When Mode is OFF - USER, parameters *3 - *6 are not sent.

Example: When you set USER into Mode

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	49h	34h	03h
Character		A	D	Z	Z	;	O	A	I	4	

* When Mode is AUTO IRIS or DYNAMIC GAMMA, parameters *5 and *6 are not sent.

Example: When Mode is AUTO IRIS and you set 3 into AUTO IRIS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	49h	3Ah
Character		A	D	Z	Z	;	O	A	I	:
Hexadecimal	41h	33h	03h							
Character	A	3								

Example: When Mode is MANUAL IRIS and you set 30 into MANUAL IRIS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	49h	3Ah
Character		A	D	Z	Z	;	O	A	I	:
Hexadecimal	4Dh	33h	30h	03h						
Character	M	3	0							

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	49h	3Ah	*1	03h
Character		O	A	I	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

2.43. DYNAMIC IRIS (AUTO IRIS)

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	49h	3Ah
Character		A	D	Z	Z	;	O	A	I	:
Hexadecimal	41h	*1	03h							
Character	A	*2								

■ Parameters (*1, *2)

	OFF	1	2	3
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	49h	3Ah	41h	*1	03h
Character		O	A	I	:	A	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

2.44. DYNAMIC IRIS (MANUAL IRIS)

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	49h	3Ah
Character		A	D	Z	Z	;	O	A	I	:
Hexadecimal	4Dh	*1	*3	03h						
Character	M	*2	*4							

■ Parameters (*1, *2, *3, *4)

	OFF		1		2		3	
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	33h
Character	0	0	0	1	0	2	0	3
	60		61		62		63	
Hexadecimal	36h	30h	36h	31h	36h	32h	36h	33h
Character	6	0	6	1	6	2	6	3

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	49h	3Ah	4Dh	*1	03h
Character		O	A	I	:	M	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

2.45. DYNAMIC IRIS (DYNAMIC GAMMA)

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	49h	3Ah
Character		A	D	Z	Z	;	O	A	I	:
Hexadecimal	44h	*1	03h							
Character	D	*2								

■ Parameters (*1, *2)

	OFF		1		2		3	
Hexadecimal	30h		31h		32h		33h	
Character	0		1		2		3	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	49h	3Ah	44h	*1	03h
Character		O	A	I	:	D	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

2.46. TV-SYSTEM

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	47h	3Ah
Character		A	D	Z	Z	;	V	S	G	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	AUTO1			AUTO2			NTSC		
Hexadecimal	41h	54h	31h	41h	54h	32h	4Eh	54h	53h
Character	A	T	1	A	T	2	N	T	S
	NTSC4.43			PAL			PAL-M		
Hexadecimal	4Eh	34h	34h	50h	41h	4Ch	50h	41h	4Dh
Character	N	4	4	P	A	L	P	A	M
	PAL-N			SECAM			PAL60		
Hexadecimal	50h	41h	4Eh	53h	45h	43h	50h	36h	30h
Character	P	A	N	S	E	C	P	6	0

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	47h	3Ah	*1	*3	*5	03h
Character		V	S	G	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

2.47. SHIFT H

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	48h	3Ah
Character		A	D	Z	Z	;	V	T	H	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	0				1				2			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	2
Character	0	0	0	0	0	0	0	1	0	0	0	2
	4093				4094				4095			
Hexadecimal	34h	30h	39h	33h	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	3	4	0	9	4	4	0	9	5

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	54h	48h	3Ah	*1	*3	*5	03h
Character		V	T	H	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	×	○

■ Note:

- The maximum value that can be actually set changes according to the input signal and the input resolution setting, etc.

2.48. SHIFT V

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	56h	3Ah
Character		A	D	Z	Z	;	V	T	V	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	0				1				2			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	1	0	0	0	2
	4093				4094				4095			
Hexadecimal	34h	30h	39h	33h	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	3	4	0	9	4	4	0	9	5

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	54h	56h	3Ah	*1	*3	*5	03h
Character		V	T	V	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	×	○

■ Notes:

- The maximum value that can be actually set changes according to the input signal and the input resolution setting, etc.
- When a value of the odd number is specified for the interlace signal, the specified value is returned as a response (callback) though the value to which 1 is subtracted is set.

2.49. ASPECT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	45h	3Ah
Character		A	D	Z	Z	;	V	S	E	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■ Parameters (*1, *2, *3, *4)

- Input route: VIDEO

Input signal: NTSC

	VID AUTO	4:3	16:9	THROUGH
Hexadecimal	30h	31h	32h	35h
Character	0	1	2	5
	HV FIT	H FIT	V FIT	
Hexadecimal	36h	39h	31h	30h
Character	6	9	1	0

- Input route: VIDEO

Input signal: Except NTSC

	DEFAULT	4:3	16:9	THROUGH
Hexadecimal	30h	31h	32h	35h
Character	0	1	2	5
	HV FIT	H FIT	V FIT	
Hexadecimal	36h	39h	31h	30h
Character	6	9	1	0

- Input route: S-VIDEO

Input signal: NTSC

	VID AUTO(PRI.)		4:3	16:9		THROUGH	
Hexadecimal	30h		31h	32h		35h	
Character	0		1	2		5	
	HV FIT		H FIT	V FIT		S1 AUTO	
Hexadecimal	36h		39h	31h	30h	32h	30h
Character	6		9	1	0	2	0
	VID AUTO						
Hexadecimal	33h	30h					
Character	3	0					

- Input route: S-VIDEO

Input signal: Except NTSC

	DEFAULT	4:3	16:9	THROUGH
Hexadecimal	30h	31h	32h	35h
Character	0	1	2	5
	HV FIT	H FIT	V FIT	
Hexadecimal	36h	39h	31h	30h
Character	6	9	1	0

- Input route: Except VIDEO/S-VIDEO

	DEFAULT	4:3	16:9	THROUGH
Hexadecimal	30h	31h	32h	35h
Character	0	1	2	5
	HV FIT	H FIT	V FIT	
Hexadecimal	36h	39h	31h	30h
Character	6	9	1	0

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	45h	3Ah	*1	*3	03h
Character		V	S	E	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	×	○

■ Notes:

- When it is not able to set it according to the input signal, ER402 is returned.
- Parameters *3 and *4 are specified only in case of two digits.

2.50. ZOOM H

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	5Ah	48h	3Ah
Character		A	D	Z	Z	;	O	Z	H	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	5Ah	48h	3Ah	*1	*3	*5	03h
Character		O	Z	H	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	×	○

■ Note:

- When ASPECT is THROUGH, ER401 is returned.

2.51. ZOOM V

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	5Ah	56h	3Ah	*1	*3	*5	03h
Character		A	D	Z	Z	;	O	Z	V	:	*2	*4	*6	

■ Parameters (*1, *2, *3, *4, *5, *6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	5Ah	56h	3Ah	*1	*3	*5	03h
Character		O	Z	V	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	×	○

■ Note:

- When ASPECT is THROUGH, ER401 is returned.

2.52. ZOOM HV

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	5Ah	4Fh	3Ah
Character		A	D	Z	Z	;	O	Z	O	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	5Ah	4Fh	3Ah	*1	*3	*5	03h
Character		O	Z	O	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	×	○

■ Note:

- When ASPECT is THROUGH, ER401 is returned.

2.53. INTERLOCKED ZOOM

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	5Ah	53h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	Z	S	:	*2	

■ Parameters (*1, *2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	5Ah	53h	3Ah	*1	03h
Character		O	Z	S	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	×	○

■ Note:

- When ASPECT is THROUGH, ER401 is returned.

2.54. CLOCK PHASE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	43h	50h	3Ah
Character		A	D	Z	Z	;	V	C	P	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	29			30			31		
Hexadecimal	30h	32h	39h	30h	33h	30h	30h	33h	31h
Character	0	2	9	0	3	0	0	3	1

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	43h	50h	3Ah	*1	*3	*5	03h
Character		V	C	P	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	×	○

■ Note:

- It is able to accept only when the selected slot is RGB1 or RGB2, and ER401 is returned besides.

2.55. INPUT RESOLUTION - TOTAL DOTS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	44h	3Ah
Character		A	D	Z	Z	;	V	T	D	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	301				302			
Hexadecimal	30h	33h	30h	31h	30h	33h	30h	32h
Character	0	3	0	1	0	3	0	2
	4094				4095			
Hexadecimal	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	4	4	0	9	5

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	54h	44h	3Ah	*1	*3	*5	*7	03h
Character		V	T	D	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○

■ Notes:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.
- The maximum value that can be actually set changes according to the input signal and the input resolution setting, etc.
- When less than number of display dots is specified, ER402 is returned.

2.56. INPUT RESOLUTION - DISPLAY DOTS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	44h	44h	3Ah
Character		A	D	Z	Z	;	V	D	D	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	300				301			
Hexadecimal	30h	33h	30h	30h	30h	33h	30h	31h
Character	0	3	0	0	0	3	0	1
	2047				2048			
Hexadecimal	32h	30h	34h	37h	32h	30h	34h	38h
Character	2	0	4	7	2	0	4	8

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	44h	44h	3Ah	*1	*3	*5	*7	03h
Character		V	D	D	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○

■ Notes:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.
- When the value that exceeds the number of total dots is specified, ER402 is returned.

2.57. INPUT RESOLUTION - TOTAL LINES

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	4Ch	3Ah
Character		A	D	Z	Z	;	V	T	L	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	221				222			
Hexadecimal	30h	32h	31h	31h	30h	32h	31h	32h
Character	0	2	1	1	0	2	1	2
	4094				4095			
Hexadecimal	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	4	4	0	9	5

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	54h	4Ch	3Ah	*1	*3	*5	*7	03h
Character		V	T	L	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○

■ Notes:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.
- When less than number of display lines is specified, ER402 is returned.

2.58. INPUT RESOLUTION - DISPLAY LINES

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	44h	4Ch	3Ah
Character		A	D	Z	Z	;	V	D	L	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	220				221			
Hexadecimal	30h	32h	32h	30h	30h	32h	32h	31h
Character	0	2	2	0	0	2	2	1
	4093				4094			
Hexadecimal	34h	30h	39h	33h	34h	30h	39h	34h
Character	4	0	9	3	4	0	9	4

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	44h	4Ch	3Ah	*1	*3	*5	*7	03h
Character		V	D	L	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○

Notes:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.
- When the value that exceeds the number of total lines is specified, ER402 is returned.

2.59. CLAMP POSITION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Ch	54h	3Ah	*1	*3	*5	03h
Character		A	D	Z	Z	;	V	L	T	:	*2	*4	*6	

Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Ch	54h	3Ah	*1	*3	*5	03h
Character		V	L	T	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	×	○	×	○	○

Note:

- It is able to accept only when RGB1 or RGB2 is selected, and ER401 is returned besides.

2.60. KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Bh	53h	3Ah
Character		A	D	Z	Z	;	O	K	S	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	-127				-126				-125			
Hexadecimal	2Dh	31h	32h	37h	2Dh	31h	32h	36h	2Dh	31h	32h	35h
Character	-	1	2	7	-	1	2	6	-	1	2	5
	+125				+126				+127			
Hexadecimal	2Bh	31h	32h	35h	2Bh	31h	32h	36h	2Bh	31h	32h	37h
Character	+	1	2	5	+	1	2	6	+	1	2	7

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Bh	53h	3Ah	*1	*3	*5	*7	03h
Character		O	K	S	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

Note:

- For PT-DZ12000*/D12000*, ER401 is returned.

2.61. SUB KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	53h	4Bh	3Ah
Character		A	D	Z	Z	;	O	S	K	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	-127				-126				-125			
Hexadecimal	2Dh	31h	32h	37h	2Dh	31h	32h	36h	2Dh	31h	32h	35h
Character	-	1	2	7	-	1	2	6	-	1	2	5
	+125				+126				+127			
Hexadecimal	2Bh	31h	32h	35h	2Bh	31h	32h	36h	2Bh	31h	32h	37h
Character	+	1	2	5	+	1	2	6	+	1	2	7

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	4Bh	3Ah	*1	*3	*5	*7	03h
Character		O	S	K	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Notes:

- For PT-DZ12000*/D12000*, ER401 is returned.
- When 0 is set into KEYSTONE, ER401 is returned.
- Even if SUB KEYSTONE value is changed, it might not operate according to KEYSTONE condition.

2.62. LINEARITY

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Ch	49h	3Ah
Character		A	D	Z	Z	;	V	L	I	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	-127				-126				-125			
Hexadecimal	2Dh	31h	32h	37h	2Dh	31h	32h	36h	2Dh	31h	32h	35h
Character	-	1	2	7	-	1	2	6	-	1	2	5
	+125				+126				+127			
Hexadecimal	2Bh	31h	32h	35h	2Bh	31h	32h	36h	2Bh	31h	32h	37h
Character	+	1	2	5	+	1	2	6	+	1	2	7

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Ch	49h	3Ah	*1	*3	*5	*7	03h
Character		V	L	I	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Notes:

- For PT-DZ12000*/D12000*, ER401 is returned.
- When 0 is set into KEYSTONE, ER401 is returned.
- Even if LINEARITY value is changed, it might not operate according to KEYSTONE condition.

2.63. GEOMETRY

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	4Dh	49h	30h	3Dh	2Bh	*1	*3	*5
Character	G	M	M	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

	OFF					KEYSTONE				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	CURVED					PC				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Dh	49h	30h
Character		V	X	X	:	G	M	M	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- For PT-DW100*, ER401 is returned.

2.64. GEOMETRY:KEYSTONE - V-KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	4Bh	49h	31h	3Dh	*1	*3	*5	*7
Character	G	M	K	I	1	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	31h
Character		V	X	X	:	G	M	K	I	1
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- For PT-DW100*, ER401 is returned.

2.65. GEOMETRY:KEYSTONE - V-SUB-KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	4Bh	49h	32h	3Dh	*1	*3	*5	*7
Character	G	M	K	I	2	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	32h
Character		V	X	X	:	G	M	K	I	2
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Notes:

- For PT-DW100*, ER401 is returned.
- When 0 is set into GEOMETRY:KEYSTONE - V-KEYSTONE, ER401 is returned.

2.66. GEOMETRY:KEYSTONE - H-KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	4Bh	49h	35h	3Dh	*1	*3	*5	*7
Character	G	M	K	I	5	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	35h
Character		V	X	X	:	G	M	K	I	5
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- For PT-DW100*, ER401 is returned.

2.67. GEOMETRY:KEystone - H-SUB-KEystone

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	4Bh	49h	36h	3Dh	*1	*3	*5	*7
Character	G	M	K	I	6	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	36h
Character		V	X	X	:	G	M	K	I	6
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Notes:

- For PT-DW100*, ER401 is returned.
- When 0 is set into GEOMETRY:KEystone - H-KEystone, ER401 is returned.

2.68. GEOMETRY:KEystone - LINEARITY

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	4Bh	49h	33h	3Dh	*1	*3	*5	*7
Character	G	M	K	I	3	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	33h
Character		V	X	X	:	G	M	K	I	3
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- For PT-DW100*, ER401 is returned.

2.69. GEOMETRY:CURVED - LENS THROW RATIO

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	43h	53h	30h	3Dh	*1	*3	*5	*7
Character	G	M	C	S	0	=	*2	*4	*6	*8
Hexadecimal	*9	03h								
Character	*10									

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

	0.7					0.9				
Hexadecimal	30h	2Eh	37h	30h	30h	2Eh	39h	30h		
Character	0	.	7	0	0	.	9	0		
	16.4					16.5				
Hexadecimal	31h	36h	2Eh	34h	30h	31h	36h	2E	35h	30h
Character	1	6	.	4	0	1	6	.	5	0

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	43h	53h	30h
Character		V	X	X	:	G	M	C	S	0
Hexadecimal	3Dh	*1	*3	*5	*7	*9	03h			
Character	=	*2	*4	*6	*8	*10				

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Notes:

- For PT-DW100*, ER401 is returned.
- Characters that can be specified are only a figure and a period (decimal point).
- The parameter is able to specify it from 0.70 to 16.50 at intervals of 0.10.
- The parameter length is variable.
- When the following parameters are specified, ER402 is returned.
 - Integer part is omitted
 - Figures below decimal point are omitted
 - 3 digits or more below the decimal point are specified

2.70. GEOMETRY:CURVED - V-SUB-KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	43h	49h	31h	3Dh	*1	*3	*5	*7
Character	G	M	C	I	1	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126				
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h
Character	-	0	0	1	2	7	-	0	0	1	2
	126						127				
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h
Character	+	0	0	1	2	6	+	0	0	1	2

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	43h	49h	30h
Character		V	X	X	:	G	M	C	I	1
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- For PT-DW100*, ER401 is returned.

2.71. GEOMETRY:CURVED - H-KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	43h	49h	35h	3Dh	*1	*3	*5	*7
Character	G	M	C	I	5	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	43h	49h	32h
Character		V	X	X	:	G	M	C	I	2
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- For PT-DW100*, ER401 is returned.

2.72. GEOMETRY:CURVED - V ARC

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	43h	49h	33h	3Dh	*1	*3	*5	*7
Character	G	M	C	I	3	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	43h	49h	33h
Character		V	X	X	:	G	M	C	I	3
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- For PT-DW100*, ER401 is returned.

2.73. GEOMETRY:CURVED - H ARC

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	43h	49h	37h	3Dh	*1	*3	*5	*7
Character	G	M	C	I	7	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	43h	49h	36h
Character		V	X	X	:	G	M	C	I	6
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- For PT-DW100*, ER401 is returned.

2.74. GEOMETRY:CURVED - V BALANCE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	43h	49h	32h	3Dh	*1	*3	*5	*7
Character	G	M	C	I	2	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	43h	49h	32h
Character		V	X	X	:	G	M	C	I	2
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- For PT-DW100*, ER401 is returned.

2.75. GEOMETRY:CURVED - H BALANCE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	43h	49h	36h	3Dh	*1	*3	*5	*7
Character	G	M	C	I	6	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	43h	49h	36h
Character		V	X	X	:	G	M	C	I	6
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- For PT-DW100*, ER401 is returned.

2.76. DISPLAY LANGUAGE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Ch	47h	3Ah
Character		A	D	Z	Z	;	O	L	G	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	English			German			French		
Hexadecimal	45h	4Eh	47h	44h	45h	55h	46h	52h	41h
Character	E	N	G	D	E	U	F	R	A
	Spanish			Italian			Japanese		
Hexadecimal	45h	53h	50h	49h	54h	4Ch	4AH	50H	4Eh
Character	E	S	P	I	T	L	J	P	N
	Chinese			Russian			Korean		
Hexadecimal	43h	48h	49h	52h	55h	53h	4Bh	4Fh	52h
Character	C	H	I	R	U	S	K	O	R

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Ch	47h	3Ah	*1	*3	*5	03h
Character		O	L	G	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	○	○	○	×	○	○

2.77. BLANKING - UPPER

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	42h	55h	3Ah
Character		A	D	Z	Z	;	D	B	U	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

DZ12000

	598			599			600		
Hexadecimal	35h	39h	38h	35h	39h	39h	36h	30h	30h
Character	5	9	8	5	9	9	6	0	0

D12000

	523			524			525		
Hexadecimal	35h	32h	33h	35h	32h	34h	35h	32h	35h
Character	5	2	3	5	2	4	5	2	5

DW100

	382			383			384		
Hexadecimal	33h	38h	32h	33h	38h	33h	33h	38h	34h
Character	3	8	2	3	8	3	3	8	4

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	42h	55h	3Ah	*1	*3	*5	03h
Character		D	B	U	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- The maximum value that can be set changes according to the setting condition of the input signal, ASPECT and ZOOM.

2.78. BLANKING - LOWER

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	42h	42h	3Ah
Character		A	D	Z	Z	;	D	B	B	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

DZ12000

	598			599			600		
Hexadecimal	35h	39h	38h	35h	39h	39h	36h	30h	30h
Character	5	9	8	5	9	9	6	0	0

D12000

	523			524			525		
Hexadecimal	35h	32h	33h	35h	32h	34h	35h	32h	35h
Character	5	2	3	5	2	4	5	2	5

DW100

	382			383			384		
Hexadecimal	33h	38h	32h	33h	38h	33h	33h	38h	34h
Character	3	8	2	3	8	3	3	8	4

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	42h	42h	3Ah	*1	*3	*5	03h
Character		D	B	B	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- The maximum value that can be set changes according to the setting condition of the input signal, ASPECT and ZOOM.

2.79. BLANKING - LEFT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	42h	4Ch	3Ah
Character		A	D	Z	Z	;	D	B	L	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

DZ12000

	958			959			960		
Hexadecimal	39h	35h	38h	39h	35h	39h	39h	36h	30h
Character	9	5	8	9	5	9	9	6	0

D12000

	698			699			700		
Hexadecimal	36h	39h	38h	36h	39h	39h	37h	30h	30h
Character	6	9	8	6	9	9	7	0	0

DW100

	681			682			683		
Hexadecimal	36h	38h	31h	36h	38h	32h	36h	38h	33h
Character	6	8	1	6	8	2	6	8	3

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	42h	4Ch	3Ah	*1	*3	*5	03h
Character		D	B	L	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- The maximum value that can be set changes according to the setting condition of the input signal, ASPECT and ZOOM.

2.80. BLANKING - RIGHT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	42h	52h	3Ah
Character		A	D	Z	Z	;	D	B	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

DZ12000

	958			959			960		
Hexadecimal	39h	35h	38h	39h	35h	39h	39h	36h	30h
Character	9	5	8	9	5	9	9	6	0

D12000

	698			699			700		
Hexadecimal	36h	39h	38h	36h	39h	39h	37h	30h	30h
Character	6	9	8	6	9	9	7	0	0

DW100

	681			682			683		
Hexadecimal	36h	38h	31h	36h	38h	32h	36h	38h	33h
Character	6	8	1	6	8	2	6	8	3

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	42h	52h	3Ah	*1	*3	*5	03h
Character		D	B	R	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- The maximum value that can be set changes according to the setting condition of the input signal, ASPECT and ZOOM.

2.81. EDGE BLENDING

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	45h	44h	42h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	E	D	B	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	USER									
Hexadecimal	30h	30h	30h	30h	32h					
Character	0	0	0	0	2					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	44h	42h	49h	30h
Character		V	X	X	:	E	D	B	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

2.82. SCREEN FORMAT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	46h	3Ah
Character		A	D	Z	Z	;	V	S	F	:
Hexadecimal	*1	03h								
Character	*2									

■ Parameters (*1, *2)

	16:10 *1	16:9	4:3 *2
Hexadecimal	30h	31h	32h
Character	0	1	2

1: Able to specify only for PT-DZ12000.

2: Able to specify only for PT-D12000.

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	46h	3Ah	*1	03h
Character		V	S	F	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- If set for PT-DW100*, ER401 is returned.

2.83. SCREEN POSITION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	56h	53h	50h	49h	30h	3Dh	*1	*3	*5	*7
Character	V	S	P	I	0	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

DZ12000

	-60						-59					
Hexadecimal	2Dh	30h	30h	30h	36h	30h	2Dh	30h	30h	30h	35h	39h
Character	-	0	0	0	6	0	-	0	0	0	5	9
	59						60					
Hexadecimal	2Bh	30h	30h	30h	35h	39h	2Bh	30h	30h	30h	36h	30h
Character	+	0	0	0	5	9	+	0	0	0	6	0

D12000

	-132						-131					
Hexadecimal	2Dh	30h	30h	31h	33h	32h	2Dh	30h	30h	31h	33h	31h
Character	-	0	0	1	3	2	-	0	0	1	3	1
	130						131					
Hexadecimal	2Bh	30h	30h	31h	33h	30h	2Bh	30h	30h	31h	33h	31h
Character	+	0	0	1	3	0	+	0	0	1	3	1

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	56h	53h	50h	49h	30h
Character		V	X	X	:	V	S	P	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Notes:

- If set for PT-DW100*, ER401 is returned.
- When a format except 16:9 is specified for SCREEN FORMAT, ER401 is returned.

2.84. DVI EDID

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	42h	4Ch	3Ah	*1	03h
Character		A	D	Z	Z	;	O	E	D	:	*2	

■ Parameters (*1, *2)

	EDID1	EDID2 (PC)
Hexadecimal	31h	32h
Character	1	2

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	42h	4Ch	3Ah	*1	03h
Character		O	E	D	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	○	○	○	×	○	○

2.85. AUX DVI EDID

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	42h	4Ch	3Ah
Character		A	D	Z	Z	;	O	E	D	:
Hexadecimal	*1	41h	55h	58h	03h					
Character	*2	A	U	X						

■ Parameters (*1, *2)

	EDID1	EDID2 (PC)
Hexadecimal	31h	32h
Character	1	2

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	42h	4Ch	3Ah	*1	41h	55h	58h	03h
Character		O	E	D	:	*2	A	U	X	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	○	○	○	×	○	○

2.86. DVI SIGNAL LEVEL

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	44h	56h	49h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	D	V	I	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

	0-255:PC					16-235				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	56h	49h	49h	30h
Character		V	X	X	:	D	V	I	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	○	○	○	×	○	○

2.87. AUX DVI SIGNAL LEVEL

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	44h	56h	49h	49h	31h	3Dh	2Bh	*1	*3	*5
Character	D	V	I	I	1	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

	0-255:PC					16-235				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	56h	49h	49h	31h
Character		V	X	X	:	D	V	I	I	1
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	○	○	○	×	○	○

2.88. P IN P

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	50h	50h	3Ah
Character		A	D	Z	Z	;	O	P	P	:
Hexadecimal	*1	03h								
Character	*2									

■ Parameters (*1, *2)

	OFF		USER1		USER2		USER3	
Hexadecimal	30h		31h		32h		33h	
Character	0		1		2		3	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	50h	50h	3Ah	*1	03h
Character		O	P	P	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.89. P IN P - MAIN WINDOW

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	53h	49h	3Ah
Character		A	D	Z	Z	;	M	S	I	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

Parameters (*1, *2)

	RGB1			RGB2			DVI		
Hexadecimal	52h	47h	31h	52h	47h	32h	44h	56h	49h
Character	R	G	1	R	G	2	D	V	I
	VIDEO			S VIDEO			AUX		
Hexadecimal	56h	49h	44h	53h	56h	44h	41h	55h	58h
Character	V	I	D	S	V	D	A	U	X

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	53h	49h	3Ah	*1	*3	*5	03h
Character		M	S	I	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

Notes:

- When AUX is specified for the parameter with incompatible input module installed in the slot, ER401 is returned.
- When AUX is specified for the parameter with no input module installed in the slot, ER402 is returned.
- When FRAME DELAY is set besides DEFAULT, ER401 is returned.
- If the same content as the channel set to sub window is specified ER402 is returned.
- If RGB1 (RGB2) is specified when RGB2 (RGB1) is set for the sub window, ER402 is returned.
- If S-VIDEO (VIDEO) is specified when VIDEO (S-VIDEO) is set for the sub window, ER402 is returned.

2.90. P IN P - MAIN WINDOW:SIZE - INTERLOCKED

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	53h	4Ch	3Ah
Character		A	D	Z	Z	;	M	S	L	:
Hexadecimal	*1	03h								
Character	*2									

Parameters (*1, *2)

	OFF		ON	
Hexadecimal	30h		31h	
Character	0		1	

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	53h	4Ch	3Ah	*1	03h
Character		M	S	L	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.91. P IN P - MAIN WINDOW:SIZE - V

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	53h	56h	3Ah
Character		A	D	Z	Z	;	M	S	V	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

Parameters (*1, *2, *3, *4, *5, *6)

	10		11		12		13		14	
Hexadecimal	31h	30h	31h	31h	31h	32h	31h	33h	31h	34h
Character	1	0	1	1	1	2	1	3	1	4
	96		97		98		99		100	
Hexadecimal	39h	36h	39h	37h	39h	38h	39h	39h	31h	30h
Character	9	6	9	7	9	8	9	9	1	0

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	53h	56h	3Ah	*1	*3	*5	03h
Character		M	S	V	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.92. P IN P - MAIN WINDOW:SIZE - H

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	53h	48h	3Ah
Character		A	D	Z	Z	;	M	S	H	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	10		11		12		13		14	
Hexadecimal	31h	30h	31h	31h	31h	32h	31h	33h	31h	34h
Character	1	0	1	1	1	2	1	3	1	4
	96		97		98		99		100	
Hexadecimal	39h	36h	39h	37h	39h	38h	39h	39h	31h	30h
Character	9	6	9	7	9	8	9	9	1	0

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	53h	48h	3Ah	*1	*3	*5	03h
Character		M	S	H	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.93. P IN P - MAIN WINDOW:SIZE - HV

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	53h	5Ah	3Ah
Character		A	D	Z	Z	;	M	S	Z	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	10		11		12		13		14	
Hexadecimal	31h	30h	31h	31h	31h	32h	31h	33h	31h	34h
Character	1	0	1	1	1	2	1	3	1	4
	96		97		98		99		100	
Hexadecimal	39h	36h	39h	37h	39h	38h	39h	39h	31h	30h
Character	9	6	9	7	9	8	9	9	1	0

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	53h	5Ah	3Ah	*1	*3	*5	03h
Character		M	S	Z	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.94. P IN P - MAIN WINDOW:POSITION - V

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	50h	56h	3Ah
Character		A	D	Z	Z	;	M	P	V	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

DZ12000

	-580				-579				-578			
Hexadecimal	2Dh	35h	38h	30h	2Dh	35h	37h	39h	2Dh	35h	37h	38h
Character	-	5	8	0	-	5	7	9	-	5	7	8
	+578				+579				+580			
Hexadecimal	2Bh	35h	37h	38h	2Bh	35h	37h	39h	2Bh	35h	38h	30h
Character	+	5	7	8	+	5	7	9	+	5	8	0

D12000

	-505				-504				-503			
Hexadecimal	2Dh	35h	30h	35h	2Dh	35h	30h	34h	2Dh	35h	30h	33h
Character	-	5	0	5	-	5	0	4	-	5	0	3
	+503				+504				+505			
Hexadecimal	2Bh	35h	30h	33h	2Bh	35h	30h	34h	2Bh	35h	30h	35h
Character	+	5	0	3	+	5	0	4	+	5	0	3

DW100

	-364				-363				-362			
Hexadecimal	2Dh	33h	36h	34h	2Dh	33h	36h	33h	2Dh	33h	36h	32h
Character	-	3	6	4	-	3	6	3	-	3	6	2
	+362				+363				+364			
Hexadecimal	2Bh	33h	36h	32h	2Bh	33h	36h	33h	2Bh	33h	36h	34h
Character	+	3	6	2	+	3	6	3	+	3	6	4

■ Note:

- The maximum value and minimum value that can be actually set change according to the setting condition of the input signal, ASPECT and ZOOM.

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	50h	56h	3Ah	*1	*3	*5	*7	03h
Character		M	P	V	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- When FRAME DELAY is set besides DEFAULT or RASTER POSITION is set besides 0, ER401 is returned.

2.95. P IN P - MAIN WINDOW:POSITION - H

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	50h	48h	3Ah
Character		A	D	Z	Z	;	M	P	H	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

DZ12000

	-928				-927				-926			
Hexadecimal	2Dh	39h	32h	38h	2Dh	39h	32h	37h	2Dh	39h	32h	36h
Character	-	9	2	8	-	9	2	7	-	9	2	6
	+926				+927				+928			
Hexadecimal	2Bh	39h	32h	36h	2Bh	39h	32h	37h	2Bh	39h	32h	38h
Character	+	9	2	6	+	9	2	7	+	9	2	8

D12000

	-668				-667				-666			
Hexadecimal	2Dh	36h	36h	38h	2Dh	36h	36h	37h	2Dh	36h	36h	36h
Character	-	6	6	8	-	6	6	7	-	6	6	6
	+666				+667				+668			
Hexadecimal	2Bh	36h	36h	36h	2Bh	36h	36h	37h	2Bh	36h	36h	38h
Character	+	6	6	6	+	6	6	7	+	6	6	8

DW100

	-651				-650				-649			
Hexadecimal	2Dh	36h	35h	31h	2Dh	36h	35h	30h	2Dh	36h	34h	39h
Character	-	6	5	1	-	6	5	0	-	6	4	9
	+649				+650				+651			
Hexadecimal	2Bh	36h	34h	39h	2Bh	36h	35h	30h	2Bh	36h	35h	31h
Character	+	6	4	9	+	6	5	0	+	6	5	1

■ Note:

- The maximum value and minimum value that can be actually set change according to the setting condition of the input signal, ASPECT and ZOOM.

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	50h	48h	3Ah	*1	*3	*5	*7	03h
Character		M	P	H	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.96. P IN P - SUB WINDOW

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	49h	53h	3Ah
Character		A	D	Z	Z	;	S	I	S	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2)

	RGB1			RGB2			DVI		
Hexadecimal	52h	47h	31h	52h	47h	32h	44h	56h	49h
Character	R	G	1	R	G	2	D	V	I
	VIDEO			S VIDEO			AUX		
Hexadecimal	56h	49h	44h	53h	56h	44h	41h	55h	58h
Character	V	I	D	S	V	D	A	U	X

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	49h	53h	3Ah	*1	03h
Character		S	I	S	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.
- If the same content as the channel set to main window is specified ER402 is returned.
- If RGB1 (RGB2) is specified when RGB2 (RGB1) is set for the main window, ER402 is returned.
- If S-VIDEO (VIDEO) is specified when VIDEO (S-VIDEO) is set for the main window, ER402 is returned.

2.97. P IN P - SUB WINDOW:SIZE - INTERLOCKED

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	53h	4Ch	3Ah
Character		A	D	Z	Z	;	S	S	L	:
Hexadecimal	*1	03h								
Character	*2									

Parameters (*1, *2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	53h	4Ch	3Ah	*1	03h
Character		S	S	L	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.98. P IN P - SUB WINDOW:SIZE - V

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	53h	56h	3Ah
Character		A	D	Z	Z	;	S	S	V	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

Parameters (*1, *2, *3, *4, *5, *6)

	10		11		12		13		14	
Hexadecimal	31h	30h	31h	31h	31h	32h	31h	33h	31h	34h
Character	1	0	1	1	1	2	1	3	1	4
	96		97		98		99		100	
Hexadecimal	39h	36h	39h	37h	39h	38h	39h	39h	31h	30h
Character	9	6	9	7	9	8	9	9	1	0

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	53h	56h	3Ah	*1	*3	*5	03h
Character		S	S	V	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.99. P IN P - SUB WINDOW:SIZE - H

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	53h	48h	3Ah
Character		A	D	Z	Z	;	S	S	H	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

Parameters (*1, *2, *3, *4, *5, *6)

	10		11		12		13		14	
Hexadecimal	31h	30h	31h	31h	31h	32h	31h	33h	31h	34h
Character	1	0	1	1	1	2	1	3	1	4
	96		97		98		99		100	
Hexadecimal	39h	36h	39h	37h	39h	38h	39h	39h	31h	30h
Character	9	6	9	7	9	8	9	9	1	0

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	53h	48h	3Ah	*1	*3	*5	03h
Character		M	S	H	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.100. P IN P - SUB WINDOW:SIZE - HV

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	53h	5Ah	3Ah
Character		A	D	Z	Z	;	S	S	Z	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■ Parameters (*1, *2, *3, *4, *5, *6)

	10		11		12		13		14		
Hexadecimal	31h	30h	31h	31h	31h	32h	31h	33h	31h	34h	
Character	1	0	1	1	1	2	1	3	1	4	
	96		97		98		99		100		
Hexadecimal	39h	36h	39h	37h	39h	38h	39h	39h	31h	30h	30h
Character	9	6	9	7	9	8	9	9	1	0	0

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	53h	5Ah	3Ah	*1	*3	*5	03h
Character		S	S	Z	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.101. P IN P - SUB WINDOW:POSITION - V

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	50h	56h	3Ah
Character		A	D	Z	Z	;	S	P	V	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

DZ12000

	-580				-579				-578			
Hexadecimal	2Dh	35h	38h	30h	2Dh	35h	37h	39h	2Dh	35h	37h	38h
Character	-	5	8	0	-	5	7	9	-	5	7	8
	+578				+579				+580			
Hexadecimal	2Bh	35h	37h	38h	2Bh	35h	37h	39h	2Bh	35h	38h	30h
Character	+	5	7	8	+	5	7	9	+	5	8	0

D12000

	-505				-504				-503			
Hexadecimal	2Dh	35h	30h	35h	2Dh	35h	30h	34h	2Dh	35h	30h	33h
Character	-	5	0	5	-	5	0	4	-	5	0	3
	+503				+504				+505			
Hexadecimal	2Bh	35h	30h	33h	2Bh	35h	30h	34h	2Bh	35h	30h	35h
Character	+	5	0	3	+	5	0	4	+	5	0	3

DW100

	-364				-363				-362			
Hexadecimal	2Dh	33h	36h	34h	2Dh	33h	36h	33h	2Dh	33h	36h	32h
Character	-	3	6	4	-	3	6	3	-	3	6	2
	+362				+363				+364			
Hexadecimal	2Bh	33h	36h	32h	2Bh	33h	36h	33h	2Bh	33h	36h	34h
Character	+	3	6	2	+	3	6	3	+	3	6	4

■ Note:

- The maximum value and minimum value that can be actually set change according to the setting condition of the input signal, ASPECT and ZOOM.

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	50h	56h	3Ah	*1	*3	*5	*7	03h
Character		S	P	V	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.102. P IN P - SUB WINDOW:POSITION - H

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	50h	48h	3Ah
Character		A	D	Z	Z	;	S	P	H	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

DZ12000

	-928				-927				-926			
Hexadecimal	2Dh	39h	32h	38h	2Dh	39h	32h	37h	2Dh	39h	32h	36h
Character	-	9	2	8	-	9	2	7	-	9	2	6
	+926				+927				+928			
Hexadecimal	2Bh	39h	32h	36h	2Bh	39h	32h	37h	2Bh	39h	32h	38h
Character	+	9	2	6	+	9	2	7	+	9	2	8

D12000

	-668				-667				-666			
Hexadecimal	2Dh	36h	36h	38h	2Dh	36h	36h	37h	2Dh	36h	36h	36h
Character	-	6	6	8	-	6	6	7	-	6	6	6
	+666				+667				+668			
Hexadecimal	2Bh	36h	36h	36h	2Bh	36h	36h	37h	2Bh	36h	36h	38h
Character	+	6	6	6	+	6	6	7	+	6	6	8

DW100

	-651				-650				-649			
Hexadecimal	2Dh	36h	35h	31h	2Dh	36h	35h	30h	2Dh	36h	34h	39h
Character	-	6	5	1	-	6	5	0	-	6	4	9
	+649				+650				+651			
Hexadecimal	2Bh	36h	34h	39h	2Bh	36h	35h	30h	2Bh	36h	35h	31h
Character	+	6	4	9	+	6	5	0	+	6	5	1

■ Note:

- The maximum value and minimum value that can be actually set change according to the setting condition of the input signal, ASPECT and ZOOM.

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	50h	48h	3Ah	*1	*3	*5	*7	03h
Character		S	P	H	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.103. P IN P - FRAME LOCK

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	50h	46h	4Ch	3Ah
Character		A	D	Z	Z	;	P	F	L	:
Hexadecimal	*1	03h								
Character	*2									

■ Parameters (*1, *2)

	MAIN WINDOW	SUB WINDOW
Hexadecimal	30h	31h
Character	0	1

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	50h	46h	4Ch	3Ah	*1	03h
Character		P	F	L	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.
- When moving picture signals are input to either main or sub, the frame lock is fixed to the moving picture signals.

2.104. P IN P - TYPE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	50h	54h	50h	3Ah	*1	03h
Character		A	D	Z	Z	;	P	T	P	:	*2	

■ Parameters (*1, *2)

	MAIN WINDOW	SUB WINDOW
Hexadecimal	30h	31h
Character	0	1

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	50h	54h	50h	3Ah	*1	03h
Character		P	T	P	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	×	○	○	×	○	○

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.105. AUTO POWER OFF

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	46h	3Ah
Character		A	D	Z	Z	;	O	A	F	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■ Parameters (*1, *2, *3, *4)

	DISABLE	45MIN.	60MIN.
Hexadecimal	30h	30h	34h 35h 36h 30h
Character	0	0	4 5 6 0
	75MIN.	90MIN.	
Hexadecimal	37h	35h	39h 30h
Character	7	5	9 0

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	46h	3Ah	*1	*3	03h
Character		O	A	F	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
×	○	○	○	○	○	○

2.106. Set Date

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	54h	53h	44h	3Ah
Character		A	D	Z	Z	;	T	S	D	:
Hexadecimal	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*D2	*w	03h
Character										

■ Parameters

*y1 - *y4: Year (4 digits)

*m1, *m2: Month (2 digits)

*d1, *d2: Day (2 digits)

*w: Day of the week (Mon = 1, Tue = 2, Wed = 3, Thu = 4, Fri = 5, Sat = 6, Sun = 7)

Set it by UTC (Coordinated Universal Time).

Example: Sunday, June 29, 2008

	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*D2	*w
Hexadecimal	32h	30h	30h	38h	30h	36h	32h	39h	37h
Character	2	0	0	8	0	6	2	9	7

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	54h	53h	44h	3Ah	*y1	*y2	
Character		T	S	D	:			
Hexadecimal	*y3	*y4	*m1	*m2	*d1	*d2	*w	03h
Character								

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

2.107. Set Time

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	54h	53h	54h	3Ah
Character		A	D	Z	Z	;	T	S	T	:
Hexadecimal	*h1	*h2	*m1	*m2	*s1	*s2	03h			
Character										

Parameters

*h1, *h2: Hour (2 digits)

*m1, *m2 : Minute (2 digits)

*s1, *s2 : Second (2 digits)

Set it by UTC (Coordinated Universal Time).

Example: 3 seconds at 3:45 p.m.

	*h1	*h2	*m1	*m2	*s1	*s2
Hexadecimal	31h	35h	34h	35h	30h	33h
Character	1	5	4	5	0	3

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	54h	53h	54h	3Ah		
Character		T	S	T	:		
Hexadecimal	*h1	*h2	*m1	*m2	*s1	*s2	03h
Character							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.108. INPUT GUIDE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	44h	3Ah
Character		A	D	Z	Z	;	O	I	D	:
Hexadecimal	*1	03h								
Character	*2									

Parameters (*1, *2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	44h	3Ah	*1	03h
Character		O	I	D	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.109. WARNING MESSAGE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	57h	4Dh	44h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	W	M	D	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

		OFF						ON		
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	57h	4Dh	44h	49h	30h
Character		V	X	X	:	W	M	D	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.110. OSD DESIGN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	4Fh	44h	3Ah
Character		A	D	Z	Z	;	M	O	D	:
Hexadecimal	*1	03h								
Character	*2									

■ Parameters (*1, *2)

	1	2	3
Hexadecimal	30h	31h	32h
Character	0	1	2
	4	5	6
Hexadecimal	33h	34h	35h
Character	3	4	5

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	4Fh	44h	3Ah	*1	03h
Character		M	O	D	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

2.111. Query Power

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	57h	03h
Character		A	D	Z	Z	;	Q	P	W	

■ Response (Callback)

OFF

Hexadecimal	02h	30h	30h	30h	03h
Character		0	0	0	

ON

Hexadecimal	02h	30h	30h	31h	03h
Character		0	0	1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

2.112. Query SHUTTER

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	48h	03h
Character		A	D	Z	Z	;	Q	S	H	

■ Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

2.113. Query FREEZE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	46h	5Ah	03h
Character		A	D	Z	Z	;	Q	F	Z	

■ Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

2.114. Query Input Change

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	49h	4Eh	03h
Character		A	D	Z	Z	;	Q	I	N	

■ Response (Callback)

RGB1

Hexadecimal	02h	52h	47h	31h	03h
Character		R	G	1	

RGB2

Hexadecimal	02h	52h	47h	32h	03h
Character		R	G	2	

VIDEO

Hexadecimal	02h	56h	49h	44h	03h
Character		V	I	D	

S-VIDEO

Hexadecimal	02h	53h	56h	44h	03h
Character		S	V	D	

DVI

Hexadecimal	02h	44h	56h	49h	03h
Character		D	V	I	

AUX

Hexadecimal	02h	41h	55h	58h	03h
Character		A	U	X	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

2.115. Query TEST PATTERN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	53h	03h
Character		A	D	Z	Z	;	Q	T	S	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

■ Parameters (*1, *2, *3, *4)

	OFF		White		Black		Flag		Reversed flag	
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	0	0	1	0	2	0	3	0	4
	Window		Reversed window		Focus		Colorbar		Gray 1 (20% brightness)	
Hexadecimal	30h	35h	30h	36h	30h	37h	30h	38h	31h	30h
Character	0	5	0	6	0	7	0	8	1	0
	Ramp		White		Red		Green		Blue	
Hexadecimal	31h	31h	32h	31h	32h	32h	32	33	32h	34h
Character	1	1	2	1	2	2	2	3	2	4
	10% brightness (White)		5% brightness (White)		Cyan		Magenta		Yellow	
Hexadecimal	32h	35h	32h	36h	32h	38h	32h	39h	33h	30h
Character	2	5	2	6	2	8	2	9	3	0

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

2.116. Query ON SCREEN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	53h	03h
Character		A	D	Z	Z	;	Q	O	S	

■ Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

2.117. Query PICTURE MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	4Dh	03h
Character		A	D	Z	Z	;	Q	P	M	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	DYNAMIC			GRAPHIC			USER		
Hexadecimal	44h	59h	4Eh	47h	52h	41h	52h	41h	41h
Character	D	Y	N	G	R	A	U	S	R
	STANDARD			CINEMA			NATURAL		
Hexadecimal	53h	54h	44h	43h	49h	4Eh	4Eh	41h	54h
Character	S	T	D	C	I	N	N	A	T

2.118. Query COLOR

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	43h	03h
Character		A	D	Z	Z	;	Q	V	C	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	-50			-49			-48		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	48			49			50		
Hexadecimal	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	8	0	9	9	1	0	0

■ Note:

- The value in which 50 is added to the value displayed in the menu is returned as a response (callback).

2.119. Query TINT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	54h	03h
Character		A	D	Z	Z	;	Q	V	T	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	-31			-30			-29		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	29			30			31		
Hexadecimal	30h	36h	30h	30h	36h	31h	30h	36h	32h
Character	0	6	0	0	6	1	0	6	2

■ Note:

- The value in which 31 is added to the value displayed in the menu is returned as a response (callback).

2.120. Query COLOR TEMP.

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	45h	03h
Character		A	D	Z	Z	;	Q	T	E	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4)

	LOW	MIDDLE	HIGH	USER1	USER2	DEFAULT
Hexadecimal	30h	31h	32h	34h	39h	31h 30h
Character	0	1	2	4	9	1 0

■ Note:

- The response (callback) other than DEFAULT (10) is one digit.

2.121. Query WHITE BALANCE LOW - R

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	52h	03h
Character		A	D	Z	Z	;	Q	O	R	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■ Notes:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.
- The value in which 128 is added to the value displayed in the menu is returned as a response (callback).

2.122. Query WHITE BALANCE LOW - G

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	47h	03h
Character		A	D	Z	Z	;	Q	O	G	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■ Notes:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.
- The value in which 128 is added to the value displayed in the menu is returned as a response (callback).

2.123. WHITE BALANCE LOW - B

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	42h	03h
Character		A	D	Z	Z	;	Q	O	B	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■ Notes:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.
- The value in which 128 is added to the value displayed in the menu is returned as a response (callback).

2.124. Query WHITE BALANCE HIGH - R

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	48h	52h	03h
Character		A	D	Z	Z	;	Q	H	R	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■ Note:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.

2.125. Query WHITE BALANCE HIGH - G

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	48h	47h	03h
Character		A	D	Z	Z	;	Q	H	G	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■ Note:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.

2.126. Query WHITE BALANCE HIGH - B

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	48h	42h	03h
Character		A	D	Z	Z	;	Q	H	B	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■ Note:

- When a parameter other than USER1 or USER2 is specified for COLOR TEMP., ER401 is returned.

2.127. Query CONTRAST

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	52h	03h
Character		A	D	Z	Z	;	Q	V	R	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	29			30			31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

■ Note:

- The value in which 32 is added to the value displayed in the menu is returned as a response (callback).

2.128. Query BRIGHTNESS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	42h	03h
Character		A	D	Z	Z	;	Q	V	B	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	29			30			31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

■ Note:

- The value in which 32 is added to the value displayed in the menu is returned as a response (callback).

2.129. Query SYSTEM DAYLIGHT VIEW

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	4Ch	56h	49h	30h	03h				
Character	D	L	V	I	0					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Ch	56h	49h	30h	3Dh	2Bh	*1	*3
Character		D	L	V	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	OFF					1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	2					3				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3

■ Note:

- For PT-DW100*, ER401 is returned.

2.130. Query SHARPNESS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	53h	03h
Character		A	D	Z	Z	;	Q	V	S	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	13			14			15		
Hexadecimal	30h	31h	33h	30h	31h	34h	30h	31h	35h
Character	0	1	3	0	1	4	0	1	5

2.131. Query NOISE REDUCTION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Eh	53h	03h
Character		A	D	Z	Z	;	Q	N	S	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2)

	OFF		ON or 1		2	3
Hexadecimal	30h		31h		32h	33h
Character	0		1		2	3

■ Notes:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.
- During P IN P, ER401 is returned.

2.132. Query DYNAMIC IRIS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	41h	49h	03h
Character		A	D	Z	Z	;	Q	A	I	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2)

	OFF	1	2	3	USER
Hexadecimal	30h	31h	32h	33h	34h
Character	0	1	2	3	4

2.133. Query DYNAMIC IRIS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	41h	49h	3Ah	*1	03h
Character		A	D	Z	Z	;	Q	A	I	:	*2	

■ Parameters (*1, *2)

	AUTO IRIS	MANUAL IRIS	DYNAMIC GAMMA
Hexadecimal	41h	4Dh	44h
Character	A	M	D

■ Response (Callback)

In the period when the command can be accepted

When AUTO IRIS or DYNAMIC GAMMA is specified for the parameter (*1, *2)

Hexadecimal	02h	*3	03h
Character		*4	

When MANUAL IRIS is specified for the parameter (*1, *2)

Hexadecimal	02h	*5	*7	03h
Character		*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*3, *4,)

	OFF	1	2	3
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

■ Parameters (*5, *6, *7, *8,)

	OFF		1		2		3	
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	33h
Character	0	0	0	1	0	2	0	3
	60		61		62		63	
Hexadecimal	36h	30h	36h	31h	36h	32h	36h	33h
Character	6	0	6	1	6	2	6	3

2.134. Query TV-SYSTEM

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	47h	03h
Character		A	D	Z	Z	;	Q	S	G	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	AUTO1			AUTO2			NTSC		
Hexadecimal	41h	54h	31h	41h	54h	32h	4Eh	54h	53h
Character	A	T	1	A	T	2	N	T	S
	NTSC4.43			PAL			PAL-M		
Hexadecimal	4Eh	34h	34h	50h	41h	4Ch	50h	41h	4Dh
Character	N	4	4	P	A	L	P	A	M
	PAL-N			SECAM			PAL60		
Hexadecimal	50h	41h	4Eh	53h	45h	43h	50h	36h	30h
Character	P	A	N	S	E	C	P	6	0

2.135. Query SHIFT H

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	48h	03h
Character		A	D	Z	Z	;	Q	T	H	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	×	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	0				1				2			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	2
Character	0	0	0	0	0	0	0	1	0	0	0	2
	4093				4094				4095			
Hexadecimal	34h	30h	39h	33h	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	3	4	0	9	4	4	0	9	5

2.136. Query SHIFT V

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	56h	03h
Character		A	D	Z	Z	;	Q	T	V	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	×	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	0				1				2			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	1	0	0	0	2
	4093				4094				4095			
Hexadecimal	34h	30h	39h	33h	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	3	4	0	9	4	4	0	9	5

2.137. Query ASPECT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	45h	03h
Character		A	D	Z	Z	;	Q	S	E	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	×	○

■ Parameters (*1, *2, *3, *4)

- Input route: VIDEO

Input signal: NTSC

	VID AUTO	4:3	16:9	THROUGH
Hexadecimal	30h	31h	32h	35h
Character	0	1	2	5
	HV FIT	H FIT	V FIT *1	
Hexadecimal	36h	39h	31h	30h
Character	6	9	1	0

- Input route: VIDEO

Input signal: Except NTSC

	DEFAULT	4:3	16:9	THROUGH
Hexadecimal	30h	31h	32h	35h
Character	0	1	2	5
	HV FIT	H FIT	V FIT *1	
Hexadecimal	36h	39h	31h	30h
Character	6	9	1	0

- Input route: S-VIDEO

Input signal: NTSC

	VID AUTO(PRI.)	4:3	16:9	THROUGH
Hexadecimal	30h	31h	32h	35h
Character	0	1	2	5
	HV FIT	H FIT	V FIT *1	S1 AUTO *1
Hexadecimal	36h	39h	31h	30h
Character	6	9	1	0
	VID AUTO *1			
Hexadecimal	33h	30h		
Character	3	0		

- Input route: S-VIDEO

Input signal: Except NTSC

	DEFAULT	4:3	16:9	THROUGH
Hexadecimal	30h	31h	32h	35h
Character	0	1	2	5
	HV FIT	H FIT	V FIT *1	
Hexadecimal	36h	39h	31h	30h
Character	6	9	1	0

- Input route: Except VIDEO/S-VIDEO

Input signal: SD

	DEFAULT	4:3	16:9	THROUGH
Hexadecimal	30h	31h	32h	35h
Character	0	1	2	5
	HV FIT	H FIT	V FIT *1	
Hexadecimal	36h	39h	31h	30h
Character	6	9	1	0

*1: The response (callback) other than this item is one digit.

2.138. Query ZOOM H

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	5Ah	48h	03h
Character		A	D	Z	Z	;	Q	Z	H	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	×	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

■ Note:

- When ASPECT is THROUGH, ER401 is returned.

2.139. Query ZOOM V

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	5Ah	56h	03h
Character		A	D	Z	Z	;	Q	Z	V	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	×	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

■ Note:

- When ASPECT is THROUGH, ER401 is returned.

2.140. Query ZOOM HV

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	5Ah	4Fh	03h
Character		A	D	Z	Z	;	Q	Z	O	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	×	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

■ Note:

- When ASPECT is THROUGH, ER401 is returned.

2.141. Query INTERLOCKED ZOOM

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	5Ah	53h	03h
Character		A	D	Z	Z	;	Q	Z	S	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	×	○

■ Parameters (*1, *2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■ Note:

- When ASPECT is THROUGH, ER401 is returned.

2.142. Query CLOCK PHASE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	43h	50h	03h
Character		A	D	Z	Z	;	Q	C	P	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	×	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	29			30			31		
Hexadecimal	30h	32h	39h	30h	33h	30h	30h	33h	31h
Character	0	2	9	0	3	0	0	3	1

■ Note:

- It is able to accept only when the selected slot is RGB1 or RGB2, and ER401 is returned besides.

2.143. Query INPUT RESOLUTION - TOTAL DOTS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	44h	03h
Character		A	D	Z	Z	;	Q	T	D	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	301				302			
Hexadecimal	30h	33h	30h	31h	30h	33h	30h	32h
Character	0	3	0	1	0	3	0	2
	4094				4095			
Hexadecimal	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	4	4	0	9	5

■ Note:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.

2.144. Query INPUT RESOLUTION - DISPLAY DOTS

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	44h	44h	03h
Character		A	D	Z	Z	;	Q	D	D	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	300				301			
Hexadecimal	30h	33h	30h	30h	30h	33h	30h	31h
Character	0	3	0	0	0	3	0	1
	2047				2048			
Hexadecimal	32h	30h	34h	37h	32h	30h	34h	36h
Character	2	0	4	7	2	0	4	8

■ Note:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.

2.145. Query INPUT RESOLUTION - TOTAL LINES

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	4Ch	03h
Character		A	D	Z	Z	;	Q	T	L	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	221				222			
Hexadecimal	30h	32h	32h	31h	30h	32h	32h	32h
Character	0	2	2	1	0	2	2	2
	4094				4095			
Hexadecimal	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	4	4	0	9	5

■ Note:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.

2.146. Query INPUT RESOLUTION - DISPLAY LINES

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	44h	4Ch	03h
Character		A	D	Z	Z	;	Q	D	L	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	TEST PATTERN	REMOTE2
○	×	×	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	220				221			
Hexadecimal	30h	32h	32h	30h	30h	32h	32h	31h
Character	0	2	2	0	0	2	2	1
	4093				4094			
Hexadecimal	34h	30h	39h	33h	34h	30h	39h	34h
Character	4	0	9	3	4	0	9	4

■ Note:

- This command is acceptable only when RGB1 or RGB2 is selected and RGB signals are input. In other cases, ER401 is returned.

2.147. Query CLAMP POSITION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	54h	03h
Character		A	D	Z	Z	;	Q	L	T	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■ Note:

- This command is acceptable only when RGB1 or RGB2 is selected. In other cases, ER401 is returned.

2.148. Query KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Bh	53h	03h
Character		A	D	Z	Z	;	Q	K	S	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	-127				-126				-125			
Hexadecimal	2Dh	31h	32h	37h	2Dh	31h	32h	36h	2Dh	31h	32h	35h
Character	-	1	2	7	-	1	2	6	-	1	2	5
	+125				+126				+127			
Hexadecimal	2Bh	31h	32h	35h	2Bh	31h	32h	36h	2Bh	31h	32h	37h
Character	+	1	2	5	+	1	2	6	+	1	2	7

■ Note:

- For PT-DZ12000*/D12000*, ER401 is returned.

2.149. Query SUB KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	4Bh	03h
Character		A	D	Z	Z	;	Q	S	K	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	-127				-126				-125			
Hexadecimal	2Dh	31h	32h	37h	2Dh	31h	32h	36h	2Dh	31h	32h	35h
Character	-	1	2	7	-	1	2	6	-	1	2	5
	+125				+126				+127			
Hexadecimal	2Bh	31h	32h	35h	2Bh	31h	32h	36h	2Bh	31h	32h	37h
Character	+	1	2	5	+	1	2	6	+	1	2	7

■ Note:

- For PT-DZ12000*/D12000*, ER401 is returned.

2.150. Query LINEARITY

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	49h	03h
Character		A	D	Z	Z	;	Q	L	I	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	-127				-126				-125			
Hexadecimal	2Dh	31h	32h	37h	2Dh	31h	32h	36h	2Dh	31h	32h	35h
Character	-	1	2	7	-	1	2	6	-	1	2	5
	+125				+126				+127			
Hexadecimal	2Bh	31h	32h	35h	2Bh	31h	32h	36h	2Bh	31h	32h	37h
Character	+	1	2	5	+	1	2	6	+	1	2	7

■ Note:

- For PT-DZ12000*/D12000*, ER401 is returned.

2.151. Query GEOMETRY

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	4Dh	49h	30h	03h				
Character	G	M	M	I	0					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	4Dh	49h	30h	3Dh	2Bh	*1	*3
Character		G	M	M	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

	OFF					KEYSTONE				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	CURVED					PC				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3

■ Note:

- For PT-DW100*, ER401 is returned.

2.152. Query GEOMETRY:KEYSTONE - V-KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	4Bh	49h	31h	03h				
Character	G	M	K	I	1					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	4Bh	49h	31h	3Dh	*1	*3	*5
Character		G	M	K	I	1	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Note:

- For PT-DW100*, ER401 is returned.

2.153. Query GEOMETRY:KEystone - V-SUB-KEystone

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	4Bh	49h	32h	03h				
Character	G	M	K	I	2					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	4Bh	49h	32h	3Dh	*1	*3	*5
Character		G	M	K	I	2	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Note:

- For PT-DW100*, ER401 is returned.

2.154. Query GEOMETRY:KEystone - H-KEystone

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	4Bh	49h	35h	03h				
Character	G	M	K	I	5					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	4Bh	49h	35h	3Dh	*1	*3	*5
Character		G	M	K	I	5	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Note:

- For PT-DW100*, ER401 is returned.

2.155. Query GEOMETRY:KEystone - H-SUB-KEystone

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	4Bh	49h	36h	03h				
Character	G	M	K	I	6					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	4Bh	49h	36h	3Dh	*1	*3	*5
Character		G	M	K	I	6	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Note:

- For PT-DW100*, ER401 is returned.

2.156. Query GEOMETRY:KEystone - LINEARITY

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	4Bh	49h	33h	03h				
Character	G	M	K	I	3					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	4Bh	49h	33h	3Dh	*1	*3	*5
Character		G	M	K	I	3	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Note:

- For PT-DW100*, ER401 is returned.

2.157. Query GEOMETRY:CURVED - LENS THROW RATIO

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	43h	53h	30h	03h				
Character	G	M	C	S	0					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	43h	53h	30h	3Dh	*1	*3	*5
Character		G	M	C	S	0	=	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

	0.7					0.9				
Hexadecimal	30h	2Eh	37h	30h		30h	2Eh	39h	30h	
Character	0	.	7	0		0	.	9	0	
	16.4					16.5				
Hexadecimal	31h	36h	2Eh	34h	30h	31h	36h	2E	35h	30h
Character	1	6	.	4	0	1	6	.	5	0

■ Note:

- For PT-DW100*, ER401 is returned.

2.158. Query GEOMETRY:CURVED - V-SUB-KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	43h	49h	31h	03h				
Character	G	M	C	I	1					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	43h	49h	31h	3Dh	*1	*3	*5
Character		G	M	C	I	1	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Note:

- For PT-DW100*, ER401 is returned.

2.159. Query GEOMETRY:CURVED - H-KEYSTONE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	43h	49h	35h	03h				
Character	G	M	C	I	5					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	43h	49h	35h	3Dh	*1	*3	*5
Character		G	M	C	I	5	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Note:

- For PT-DW100*, ER401 is returned.

2.160. Query GEOMETRY:CURVED - V ARC

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	43h	49h	33h	03h				
Character	G	M	C	I	3					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	43h	49h	33h	3Dh	*1	*3	*5
Character		G	M	C	I	3	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Note:

- For PT-DW100*, ER401 is returned.

2.161. Query GEOMETRY:CURVED - H ARC

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	43h	49h	37h	03h				
Character	G	M	C	I	7					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	43h	49h	37h	3Dh	*1	*3	*5
Character		G	M	C	I	7	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Note:

- For PT-DW100*, ER401 is returned.

2.162. Query GEOMETRY:CURVED - V BALANCE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	43h	49h	32h	03h				
Character	G	M	C	I	2					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	43h	49h	32h	3Dh	*1	*3	*5
Character		G	M	C	I	2	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Note:

- For PT-DW100*, ER401 is returned.

2.163. Query GEOMETRY:CURVED - H BALANCE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	43h	49h	36h	03h				
Character	G	M	C	I	6					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	43h	49h	36h	3Dh	*1	*3	*5
Character		G	M	C	I	6	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	-127						-126					
Hexadecimal	2Dh	30h	30h	31h	32h	37h	2Dh	30h	30h	31h	32h	36h
Character	-	0	0	1	2	7	-	0	0	1	2	6
	126						127					
Hexadecimal	2Bh	30h	30h	31h	32h	36h	2Bh	30h	30h	31h	32h	37h
Character	+	0	0	1	2	6	+	0	0	1	2	7

■ Note:

- For PT-DW100*, ER401 is returned.

2.164. Query DISPLAY LANGUAGE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	47h	03h
Character		A	D	Z	Z	;	Q	L	G	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	English			German			French		
Hexadecimal	45h	4Eh	47h	44h	45h	55h	46h	52h	41h
Character	E	N	G	D	E	U	F	R	A
	Spanish			Italian			Japanese		
Hexadecimal	45h	53h	50h	49h	54h	4Ch	4Ah	50h	4Eh
Character	E	S	P	I	T	L	J	P	N
	Chinese			Russian			Korean		
Hexadecimal	43h	48h	49h	52h	55h	53h	4Bh	4Fh	52h
Character	C	H	I	R	U	S	K	O	R

2.165. Query BLANKING - UPPER

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	55h	03h
Character		A	D	Z	Z	;	Q	L	U	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

DZ12000

	598			599			600		
Hexadecimal	35h	39h	38h	35h	39h	39h	36h	30h	30h
Character	5	9	8	5	9	9	6	0	0

D12000

	523			524			525		
Hexadecimal	35h	32h	33h	35h	32h	34h	35h	32h	35h
Character	5	2	3	5	2	4	5	2	5

DW100

	382			383			384		
Hexadecimal	33h	38h	32h	33h	38h	33h	33h	38h	34h
Character	3	8	2	3	8	3	3	8	4

2.166. Query BLANKING - LOWER

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	42h	03h
Character		A	D	Z	Z	;	Q	L	B	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

DZ12000

	598			599			600		
Hexadecimal	35h	39h	38h	35h	39h	39h	36h	30h	30h
Character	5	9	8	5	9	9	6	0	0

D12000

	523			524			525		
Hexadecimal	35h	32h	33h	35h	32h	34h	35h	32h	35h
Character	5	2	3	5	2	4	5	2	5

DW100

	382			383			384		
Hexadecimal	33h	38h	32h	33h	38h	33h	33h	38h	34h
Character	3	8	2	3	8	3	3	8	4

2.167. Query BLANKING - LEFT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	4Ch	03h
Character		A	D	Z	Z	;	Q	L	L	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

DZ12000

	958			959			960		
Hexadecimal	39h	35h	38h	39h	35h	39h	39h	36h	30h
Character	9	5	8	9	5	9	9	6	0

D12000

	698			699			700		
Hexadecimal	36h	39h	38h	36h	39h	39h	37h	30h	30h
Character	6	9	8	6	9	9	7	0	0

DW100

	681			682			683		
Hexadecimal	36h	38h	31h	36h	38h	32h	36h	38h	33h
Character	6	8	1	6	8	2	6	8	3

2.168. Query BLANKING - RIGHT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	52h	03h
Character		A	D	Z	Z	;	Q	L	R	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

DZ12000

	958			959			960		
Hexadecimal	39h	35h	38h	39h	35h	39h	39h	36h	30h
Character	9	5	8	9	5	9	9	6	0

D12000

	698			699			700		
Hexadecimal	36h	39h	38h	36h	39h	39h	37h	30h	30h
Character	6	9	8	6	9	9	7	0	0

DW100

	681			682			683		
Hexadecimal	36h	38h	31h	36h	38h	32h	36h	38h	33h
Character	6	8	1	6	8	2	6	8	3

2.169. Query EDGE BLENDING

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	45h	44h	42h	49h	30h	03h				
Character	E	D	B	I	0					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	44h	42h	49h	30h	3Dh	2Bh	*1	*3
Character		E	D	B	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	USER									
Hexadecimal	30h	30h	30h	30h	32h					
Character	0	0	0	0	2					

2.170. Query SCREEN FORMAT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	46h	03h
Character		A	D	Z	Z	;	Q	S	F	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2)

	16:10 *1	16:9	4:3 *2
Hexadecimal	30h	31h	32h
Character	0	1	2

1: Returns only in PT-DZ12000.

2: Returns only in PT-D12000.

■ Note:

- If querying on PT-DW100*, ER401 is returned.

2.171. Query SCREEN POSITION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	56h	53h	50h	49h	30h	03h				
Character	V	S	P	I	0					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	50h	49h	30h	3Dh	2Bh	*1	*3
Character		V	S	P	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

DZ12000

	-60						-59					
Hexadecimal	2Dh	30h	30h	30h	36h	30h	2Dh	30h	30h	30h	35h	39h
Character	-	0	0	0	6	0	-	0	0	0	5	9
	59						60					
Hexadecimal	2Bh	30h	30h	30h	35h	39h	2Bh	30h	30h	30h	36h	30h
Character	+	0	0	0	5	9	+	0	0	0	6	0

D12000

	-132						-131					
Hexadecimal	2Dh	30h	30h	31h	33h	32h	2Dh	30h	30h	31h	33h	31h
Character	-	0	0	1	3	2	-	0	0	1	3	1
	130						131					
Hexadecimal	2Bh	30h	30h	31h	33h	30h	2Bh	30h	30h	31h	33h	31h
Character	+	0	0	1	3	0	+	0	0	1	3	1

■ Notes:

- If querying on PT-DW100*, ER401 is returned.
- When a format except 16:9 is specified for SCREEN FORMAT, ER401 is returned.

2.172. Query INSTALLATION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	50h	03h
Character		A	D	Z	Z	;	Q	S	P	

■ Response (Callback)

FRONT-FLOOR

Hexadecimal	02h	30h	03h
Character		0	

REAR-FLOOR

Hexadecimal	02h	31h	03h
Character		1	

FRONT-CEILING

Hexadecimal	02h	32h	03h
Character		2	

REAR-CEILING

Hexadecimal	02h	33h	03h
Character		3	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

2.173. Query PROJECTOR RUNTIME

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	54h	03h
Character		A	D	Z	Z	;	Q	S	T	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	*9	03h
Character		*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

	0					1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	99998					99999				
Hexadecimal	39h	39h	39h	39h	38h	39h	39h	39h	39h	39h
Character	9	9	9	9	8	9	9	9	9	9

2.174. Query LAMP RUNTIME

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	24h	4Ch	3Ah	*1	03h
Character		A	D	Z	Z	;	Q	\$	L	:	*2	

■ Parameters (*1, *2)

	LAMP1	LAMP2	LAMP3	LAMP4
Hexadecimal	31h	32h	33h	34h
Character	1	2	3	4

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

	0 h				1 h			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	1
	9998 h				9999 h			
Hexadecimal	39h	39h	39h	38h	39h	39h	39h	39h
Character	9	9	9	8	9	9	9	9

■ Note:

- It returns with 65535 (five digits) when LAMP RUNTIME cannot be obtained.

2.175. Query LAMP SELECT

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	4Ch	03h
Character		A	D	Z	Z	;	Q	S	L	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2, *3, *4)

	QUAD		L1/L4		L2/L3		DUAL		L1/L2/L3	
Hexadecimal	30h		31h		32h		33h		34h	
Character	0		1		2		3		4	
	L1/L2/L4		L1/L3/L4		L2/L3/L4		TRIPLE		L1	
Hexadecimal	35h		36h		37h		38h		39h	
Character	5		6		7		8		9	
	L2		L3		L4		SINGLE			
Hexadecimal	31h	30h	31h	31h	31h	32h	31h	33h		
Character	1	0	1	1	1	2	1	3		

■ Note:

- The response (callback) of QUAD (0) - L1 (9) is one digit.

2.176. Query Lamp Status

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h		53h	03h
Character		A	D	Z	Z	;	Q	\$	S	

■ Response (Callback)

Lamp OFF

Hexadecimal	02h	30h	03h
Character		0	

In turning ON

Hexadecimal	02h	31h	03h
Character		1	

Lamp ON

Hexadecimal	02h	32h	03h
Character		2	

Cooling

Hexadecimal	02h	33h	03h
Character		3	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

2.177. Query RESPONSE(ID ALL)

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	59h	03h
Character		A	D	Z	Z	;	Q	V	Y	

■ Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

2.178. Query TEMP.

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	4Dh	3Ah
Character		A	D	Z	Z	;	Q	T	M	:
Hexadecimal	*1	03h								
Character	*2									

■ Parameters (*1, *2)

	Intake air	Surrounding of lamp	Optical module
Hexadecimal	30h	31h	32h
Character	0	1	2

■ Response (Callback)

For -20°C

		Celsius					Fahrenheit				
Hexadecimal	02h	2Dh	30h	32h	30h	2Fh	2Dh	30h	30h	34h	03h
Character		-	0	2	0	/	-	0	0	4	

For 120°C

		Celsius					Fahrenheit				
Hexadecimal	02h	30h	31h	32h	30h	2Fh	30h	32h	34h	38h	03h
Character		0	1	2	0	/	0	2	4	8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

2.179. Query ALTITUDE MODE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	46h	4Dh	03h
Character		A	D	Z	Z	;	Q	F	M	

■ Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

2.180. Query FUNC1

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	46h	43h	03h
Character		A	D	Z	Z	;	Q	F	C	

■ Response (Callback)

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2, *3, *4)

	P IN P	SUB MEMORY	SYSTEM SELECTOR	
Hexadecimal	30h	32h	34h	
Character	0	2	4	
	SYSTEM DAYLIGHT VIEW	FREEZE	DISABLE *1	
Hexadecimal	35h	36h	2Dh	31h
Character	5	6	-	1

*1: The response (callback) other than this item is one digit.

■ Note:

- In PT-DW100*, as for SYSTEM DAYLIGHT VIEW, ER402 is returned.

2.181. Query Usage Condition of Sub Memory

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	42h	03h
Character		A	D	Z	Z	;	Q	S	B	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	×	○	○	○	○

■ Parameters (*1, *2, *3, *4)

When the sub memory is not used, ER401 is returned.

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	93		94		95		96	
Hexadecimal	39h	33h	39h	34h	39h	35h	39h	36h
Character	9	3	9	4	9	5	9	6

2.182. Query DVI EDID

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	42h	4Ch	03h
Character		A	D	Z	Z	;	Q	E	D	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2)

	EDID1	EDID2(PC)
Hexadecimal	31h	32h
Character	1	2

2.183. Query AUX DVI EDID

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	42h	4Ch	3Ah
Character		A	D	Z	Z	;	Q	E	D	:
Hexadecimal	41h	55h	58h	03h						
Character	A	U	X							

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2)

	EDID1	EDID2(PC)
Hexadecimal	31h	32h
Character	1	2

2.184. Query DVI SIGNAL LEVEL

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	56h	49h	49h	30h	03h				
Character	D	V	I	I	0					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	56h	49h	49h	30h	3Dh	2Bh	*1	*3
Character		D	V	I	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

	0-255 PC					16-235				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.185. Query AUX DVI SIGNAL LEVEL

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	56h	49h	49h	31h	03h				
Character	D	V	I	I	1					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	56h	49h	31h	3Dh	2Bh	*1	*3
Character		D	V	I	I	1	=	+	*4
Hexadecimal	*5	*7	*9	03h					
Character	*6	*8	*10						

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

	0-255:PC					16-235				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	31h	
Character	0	0	0	0	0	0	0	0	1	

2.186. Query P IN P

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	50h	03h
Character		A	D	Z	Z	;	Q	P	P	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2)

	OFF	USER1	USER2	USER3
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.187. Query P IN P - MAIN WINDOW

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	49h	4Dh	03h
Character		A	D	Z	Z	;	Q	I	M	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2)

	RGB1			RGB2			DVI		
Hexadecimal	52h	47h	31h	52h	47h	32h	44h	56h	49h
Character	R	G	1	R	G	2	D	V	I
	VIDEO			S VIDEO			AUX		
Hexadecimal	56h	49h	44h	53h	56h	44h	41h	55h	58h
Character	V	I	D	S	V	D	A	U	X

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.188. Query P IN P - MAIN WINDOW:SIZE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	4Dh	03h
Character		A	D	Z	Z	;	Q	S	M	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	2Ch	56h	*5	*7	*9	2Ch	48h
Character		*2	*4	,	V	*6	*8	*10	,	H
Hexadecimal	*11	*13	*15	2Ch	48h	56h	*17	*19	*21	03h
Character	*12	*14	*16	,	H	V	*18	*20	*22	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4)

INTERLOCKED

	OFF		ON	
Hexadecimal	4Fh	46h	4Fh	4Eh
Character	O	F	O	N

■ Parameters (*5, *6, *7, *8, *9, *10)

V SIZE

	10			11			12			13			14		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h	30h	31h	33h	30h	31h	34h
Character	0	1	0	0	1	1	0	1	2	0	1	3	0	1	4
	96			97			98			99			100		
Hexadecimal	30h	39h	36h	30h	39h	37h	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	6	0	9	7	0	9	8	0	9	9	1	0	0

■ Parameters (*11, *12, *13, *14, *15, *16)

H SIZE

	10			11			12			13			14		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h	30h	31h	33h	30h	31h	34h
Character	0	1	0	0	1	1	0	1	2	0	1	3	0	1	4
	96			97			98			99			100		
Hexadecimal	30h	39h	36h	30h	39h	37h	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	6	0	9	7	0	9	8	0	9	9	1	0	0

■ Parameters (*17, *18, *19, *20, *21, *22)

HV SIZE

	10			11			12			13			14		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h	30h	31h	33h	30h	31h	34h
Character	0	1	0	0	1	1	0	1	2	0	1	3	0	1	4
	96			97			98			99			100		
Hexadecimal	30h	39h	36h	30h	39h	37h	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	6	0	9	7	0	9	8	0	9	9	1	0	0

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.189. Query P IN P - MAIN WINDOW:POSITION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	4Dh	03h
Character		A	D	Z	Z	;	Q	P	A	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	*1	*3	*5	*7	2Ch	48h	*9	*11	*13	*15	03h
Character		V	*2	*4	*6	*8	,	H	*10	*12	*14	*16	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

V POSITION

DZ12000

	-580				-579				-578			
Hexadecimal	2Dh	35h	38h	30h	2Dh	35h	37h	39h	2Dh	35h	37h	38h
Character	-	5	8	0	-	5	7	9	-	5	7	8
	+578				+579				+580			
Hexadecimal	2Bh	35h	37h	38h	2Bh	35h	37h	39h	2Bh	35h	38h	30h
Character	+	5	7	8	+	5	7	9	+	5	8	0

D12000

	-505				-504				-503			
Hexadecimal	2Dh	35h	30h	35h	2Dh	35h	30h	34h	2Dh	35h	30h	33h
Character	-	5	0	5	-	5	0	4	-	5	0	3
	+503				+504				+505			
Hexadecimal	2Bh	35h	30h	33h	2Bh	35h	30h	34h	2Bh	35h	30h	35h
Character	+	5	0	3	+	5	0	4	+	5	0	5

DW100

	-364				-363				-362			
Hexadecimal	2Dh	33h	36h	34h	2Dh	33h	36h	33h	2Dh	33h	36h	32h
Character	-	3	6	4	-	3	6	3	-	3	6	2
	+362				+363				+364			
Hexadecimal	2Bh	33h	36h	32h	2Bh	33h	36h	33h	2Bh	33h	36h	34h
Character	+	3	6	2	+	3	6	3	+	3	6	4

■ Parameters (*9, *10, *11, *12, *13, *14, *15, *16)

H POSITION

DZ12000

	-928				-927				-926			
Hexadecimal	2Dh	39	32h	38h	2Dh	39h	32h	37h	2Dh	39h	32h	36h
Character	-	9	2	8	-	9	2	7	-	9	2	6
	+926				+927				+928			
Hexadecimal	2Bh	39h	32h	36h	2Bh	39h	32h	37h	2Bh	39h	32h	38h
Character	+	9	2	6	+	9	2	7	+	9	2	8

D12000

	-668				-667				-666			
Hexadecimal	2Dh	36h	36h	38h	2Dh	36h	36h	37h	2Dh	36h	36h	36h
Character	-	6	6	8	-	6	6	7	-	6	6	6
	+666				+667				+668			
Hexadecimal	2Bh	36h	6	6	2Bh	36h	36h	37h	2Bh	36h	36h	38h
Character	+	6	7	2	+	6	6	7	+	6	6	8

DW100

	-651				-650				-649			
Hexadecimal	2Dh	36h	35h	31h	2Dh	36h	35h	30h	2Dh	36h	34h	39h
Character	-	6	5	1	-	6	5	0	-	6	4	9
	+649				+650				+651			
Hexadecimal	2Bh	36h	34h	39h	2Bh	36h	35h	30h	2Bh	36h	35h	31h
Character	+	6	4	9	+	6	5	0	+	6	5	1

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.190. Query P IN P - SUB WINDOW

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	49h	53h	03h
Character		A	D	Z	Z	;	Q	I	S	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2)

	RGB1			RGB2			DVI		
Hexadecimal	52h	47h	31h	52h	47h	32h	44h	56h	49h
Character	R	G	1	R	G	2	D	V	I
	VIDEO			S VIDEO			AUX		
Hexadecimal	56h	49h	44hh	53h	56h	44h	41h	55h	58h
Character	V	I	D	S	V	D	A	U	X

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.191. Query P IN P - SUB WINDOW:SIZE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	53h	03h
Character		A	D	Z	Z	;	Q	S	S	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	2Ch	56h	*5	*7	*9	2Ch	48h
Character		*2	*4	,	V	*6	*8	*10	,	H
Hexadecimal	*11	*13	*15	2Ch	48h	56h	*17	*19	*21	03h
Character	*12	*14	*16	,	H	V	*18	*20	*22	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4)

INTERLOCKED

	OFF		ON	
Hexadecimal	4Fh	46h	4Fh	4Eh
Character	O	F	O	N

■ Parameters (*5, *6, *7, *8, *9, *10)

V SIZE

	10			11			12			13			14		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h	30h	31h	33h	30h	31h	34h
Character	0	1	0	0	1	1	0	1	2	0	1	3	0	1	4
	96			97			98			99			100		
Hexadecimal	30h	39h	36h	30h	39h	37h	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	6	0	9	7	0	9	8	0	9	9	1	0	0

■ Parameters (*11, *12, *13, *14, *15, *16)

H SIZE

	10			11			12			13			14		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h	30h	31h	33h	30h	31h	34h
Character	0	1	0	0	1	1	0	1	2	0	1	3	0	1	4
	96			97			98			99			100		
Hexadecimal	30h	39h	36h	30h	39h	37h	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	6	0	9	7	0	9	8	0	9	9	1	0	0

■ Parameters (*17, *18, *19, *20, *21, *22)

HV SIZE

	10			11			12			13			14		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h	30h	31h	33h	30h	31h	34h
Character	0	1	0	0	1	1	0	1	2	0	1	3	0	1	4
	96			97			98			99			100		
Hexadecimal	30h	39h	36h	30h	39h	37h	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	6	0	9	7	0	9	8	0	9	9	1	0	0

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.192. Query P IN P - SUB WINDOW:POSITION

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	53h	03h
Character		A	D	Z	Z	;	Q	P	S	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	*1	*3	*5	*7	2Ch	48h	*9	*11	*13	*15	03h
Character		V	*2	*4	*6	*8	,	H	*10	*12	*14	*16	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8)

V POSITION

DZ12000

	-580				-579				-578			
Hexadecimal	2Dh	35h	38h	30h	2Dh	35h	37h	39h	2Dh	35h	37h	38h
Character	-	5	8	0	-	5	7	9	-	5	7	8
	+578				+579				+580			
Hexadecimal	2Bh	35h	37h	38h	2Bh	35h	37h	39h	2Bh	35h	38h	30h
Character	+	5	7	8	+	5	7	9	+	5	8	0

D12000

	-505				-504				-503			
Hexadecimal	2Dh	35h	30h	35h	2Dh	35h	30h	34h	2Dh	35h	30h	33h
Character	-	5	0	5	-	5	0	4	-	5	0	3
	+503				+504				+505			
Hexadecimal	2Bh	35h	30h	33h	2Bh	35h	30h	34h	2Bh	35h	30h	35h
Character	+	5	0	3	+	5	0	4	+	5	0	5

DW100

	-364				-363				-362			
Hexadecimal	2Dh	33h	36h	34h	2Dh	33h	36h	33h	2Dh	33h	36h	32h
Character	-	3	6	4	-	3	6	3	-	3	6	2
	+362				+363				+364			
Hexadecimal	2Bh	33h	36h	32h	2Bh	33h	36h	33h	2Bh	33h	36h	34h
Character	+	3	6	2	+	3	6	3	+	3	6	4

■ Parameters (*9, *10, *11, *12, *13, *14, *15, *16)

H POSITION

DZ12000

	-928				-927				-926			
Hexadecimal	2Dh	39	32h	38h	2Dh	39h	32h	37h	2Dh	39h	32h	36h
Character	-	9	2	8	-	9	2	7	-	9	2	6
	+926				+927				+928			
Hexadecimal	2Bh	39h	32h	36h	2Bh	39h	32h	37h	2Bh	39h	32h	38h
Character	+	9	2	6	+	9	2	7	+	9	2	8

D12000

	-668				-667				-666			
Hexadecimal	2Dh	36h	36h	38h	2Dh	36h	36h	37h	2Dh	36h	36h	36h
Character	-	6	6	8	-	6	6	7	-	6	6	6
	+666				+667				+668			
Hexadecimal	2Bh	36h	6	6	2Bh	36h	36h	37h	2Bh	36h	36h	38h
Character	+	6	7	2	+	6	6	7	+	6	6	8

DW100

	-651				-650				-649			
Hexadecimal	2Dh	36h	35h	31h	2Dh	36h	35h	30h	2Dh	36h	34h	39h
Character	-	6	5	1	-	6	5	0	-	6	4	9
	+649				+650				+651			
Hexadecimal	2Bh	36h	34h	39h	2Bh	36h	35h	30h	2Bh	36h	35h	31h
Character	+	6	4	9	+	6	5	0	+	6	5	1

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.193. Query P IN P - FRAME LOCK

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	46h	03h
Character		A	D	Z	Z	;	Q	P	F	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2)

	MAIN WINDOW	SUB WINDOW
Hexadecimal	30h	31h
Character	0	1

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.194. Query P IN P - TYPE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	54h	03h
Character		A	D	Z	Z	;	Q	P	T	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	○	○	○

■ Parameters (*1, *2)

	MAIN WINDOW	SUB WINDOW
Hexadecimal	30h	31h
Character	0	1

■ Note:

- When FRAME DELAY is set besides DEFAULT, ER401 is returned.

2.195. Query AUTO POWER OFF

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	41h	46h	03h
Character		A	D	Z	Z	;	Q	A	F	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2, *3, *4)

	DISABLE		45MIN.		60MIN.	
Hexadecimal	30h	30h	34h	35h	36h	30h
Character	0	0	4	5	6	0
	75MIN.		90MIN.			
Hexadecimal	37h	35h	39h	30h		
Character	7	5	9	0		

2.196. Query Date

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	47h	44h	03h
Character		A	D	Z	Z	;	Q	G	D	

■ Response (Callback)

Hexadecimal	02h	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*D2	*w	03h
Character											

■ Parameters

*y1 - *y4: Year (4 digits)

*m1, *m2: Month (2 digits)

*d1, *d2: Day (2 digits)

*w: Day of the week (Mon = 1, Tue = 2, Wed = 3, Thu = 4, Fri = 5, Sat = 6, Sun = 7)

Set it by UTC (Coordinated Universal Time).

Example: Sunday, June 29, 2008

	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*D2	*w
Hexadecimal	32h	30h	30h	38h	30h	36h	32h	39h	37h
Character	2	0	0	8	0	6	2	9	7

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.197. Query Time

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	47h	54h	03h
Character		A	D	Z	Z	;	Q	G	T	

■ Response (Callback)

Hexadecimal	02h	*h1	*h2	*m1	*m2	*s1	*s2	03h
Character								

■ Parameters

*h1, *h2: Hour (2 digits)

*m1, *m2 : Minute (2 digits)

*s1, *s2 : Second (2 digits)

Set it by UTC (Coordinated Universal Time).

Example: 3 seconds at 3:45 p.m.

	*h1	*h2	*m1	*m2	*s1	*s2
Hexadecimal	31h	35h	34h	35h	30h	33h
Character	1	5	4	5	0	3

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.198. Query Model (Series) Name

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	49h	44h	03h
Character		A	D	Z	Z	;	Q	I	D	

■ Response (Callback)

In the period when the command can be accepted

DZ12000

Hexadecimal	02h	44h	5Ah	31h	32h	30h	30h	30h	03h
Character		D	Z	1	2	0	0	0	

D12000

Hexadecimal	02h	44h	31h	32h	30h	30h	30h	03h
Character		D	1	2	0	0	0	

DW100

Hexadecimal	02h	44h	57h	31h	30h	30h	03h
Character		D	W	1	0	0	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.199. Query Lamp ON Status

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	h	h	03h
Character		A	D	Z	Z	;	Q	L	S	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2, *3, *4)

	Lamp OFF	L1/ L2/L3/L4 ON	L1/L4 ON	L2/L3	L1/L2/L3
Hexadecimal	30h	31h	32h	33h	34h
Character	0	1	2	3	4
	L1/L2/L4	L1/L3/L4	L2/L3/L4	L1	L2
Hexadecimal	35h	36h	37h	38h	39h
Character	5	6	7	8	9
	L3	L4			
Hexadecimal	31h	30h	31h	31h	
Character	1	0	1	1	

2.200. Query INPUT GUIDE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	44h	41h	03h
Character		A	D	Z	Z	;	Q	D	I	

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.201. Query WARNING MESSAGE

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	57h	4Dh	44h	49h	30h	03h				
Character	W	M	D	I	0					

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	57h	4Dh	44h	49h	30h	3Dh	2Bh	*1	*3
Character		W	M	D	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, *5, *6, *7, *8, *9, *10)

		OFF						ON		
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.202. Query OSD DESIGN

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	44h	3Ah
Character		A	D	Z	Z	;	Q	O	D	:

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2)

	1	2	3
Hexadecimal	30h	31h	32h
Character	0	1	2
	4	5	6
Hexadecimal	33h	34h	35h
Character	3	4	5

2.203. Query SERIAL NUMBER

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	4Eh	3Ah
Character		A	D	Z	Z	;	Q	S	N	:

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	~	*21	*23	03h
Character		*2	*4		*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*1, *2, *3, *4, - *21, *22, *23, *24)

The set serial number (length) is returned.

Example: Serial number unsetting

Hexadecimal	02h	03h
Character		

Example: When SW0101234 is set into the serial number

Hexadecimal	02h	53h	57h	30h	31h	30h	31h	32h	33h	34h	03h
Character		S	W	0	1	0	1	2	3	4	

3. Extended Control Command

Start (STX)	ID	Command	Parameters	End (ETX)
1 byte	1 byte	1 byte or 3 bytes	Undefined length	1 byte

ID of the extended control command

ID	Hexadecimal (1 byte)	ID	Hexadecimal (1 byte)	ID	Hexadecimal (1 byte)	ID	Hexadecimal (1 byte)
ALL	00	ID23	17	ID46	2E	Group E	84
ID1	01	ID24	18	ID47	2F	Group F	85
ID2	02	ID25	19	ID48	30	Group G	86
ID3	03	ID26	1A	ID49	31	Group H	87
ID4	04	ID27	1B	ID50	32	Group I	88
ID5	05	ID28	1C	ID51	33	Group J	89
ID6	06	ID29	1D	ID52	34	Group K	8A
ID7	07	ID30	1E	ID53	35	Group L	8B
ID8	08	ID31	1F	ID54	36	Group M	8C
ID9	09	ID32	20	ID55	37	Group N	8D
ID10	0A	ID33	21	ID56	38	Group O	8E
ID11	0B	ID34	22	ID57	39	Group P	8F
ID12	0C	ID35	23	ID58	3A	Group Q	90
ID13	0D	ID36	24	ID59	3B	Group R	91
ID14	0E	ID37	25	ID60	3C	Group S	92
ID15	0F	ID38	26	ID61	3D	Group T	93
ID16	10	ID39	27	ID62	3E	Group U	94
ID17	11	ID40	28	ID63	3F	Group V	95
ID18	12	ID41	29	ID64	40	Group W	96
ID19	13	ID42	2A	Group A	80	Group X	97
ID20	14	ID43	2B	Group B	81	Group Y	98
ID21	15	ID44	2C	Group C	82	Group Z	99
ID22	16	ID45	2D	Group D	83		

3.1. Lens Control

Hexadecimal	02h	*1	B1h	7Ch	*2	*3	*4	03h
Remarks	STX	ID	Command		Parameters			ETX

■ Parameters (*2)

	LENS SHIFT H		LENS SHIFT V		LENS FOCUS		LENS ZOOM
Hexadecimal	00h		01h		02h		03h

■ Parameters (*3)

	Slowly		Normal		Fast		Home position *
Hexadecimal	00h		01h		02h		80h

■ Parameters (*4)

	Right / Up / Forward / In / Cancel				Left / Down / Backward / Out / Start			
Hexadecimal	00h				01h			

■ Note:

- It is effective only when the parameter (*2) is LENS SHIFT H (00h) or LENS SHIFT V (01h).

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*5	B3h	7Ch	*2	*3	*4	03h
	STX	ID	Callback		Parameters			ETX

In the period when the command cannot be accepted

Hexadecimal	02h	*5	FFh	03h
	STX	ID	Error	ETX

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	×	○	○	×	○	○

3.2. SELF CHECK Information

Hexadecimal	02h	*1	FEh	FEh	03h
Remarks	STX	ID	Command	Option	ETX

■ Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*5	FEh	FEh	*2	*3	*4	-	*15	*16	*17	03h
	STX	ID			Parameters							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE	TEST PATTERN	REMOTE2
○	○	○	○	○	○	○

■ Parameters (*2 - *17)

Bit	Name	Description	Condition of Clear Bit
0	Temperature warning (IN)	Intake air temperature is the specific value or higher.	It is less than the specific value.
1	Temperature warning (OPT)	Optical module (DMD surroundings) temperature is the specific value or higher.	It is less than the specific value.
2	Temperature warning (OUT)	Exhaust air temperature is the specific value or higher.	It is less than the specific value.
3	Low temperature warning (OPT)	Optical module (DMD surroundings) temperature is less than the specific value.	It is the specific value or higher.
4	Temperature error (IN)	Intake air temperature is the specific value or higher.	It is less than the specific value.
5	Temperature error (OPT)	Optical module (DMD surroundings) temperature is the specific value or higher.	It is less than the specific value.
6	Temperature error (OUT)	Exhaust air temperature is the specific value or higher.	It is less than the specific value.
7	Low temperature error (OPT)	Optical module (DMD surroundings) temperature is less than the specific value.	It is the specific value or higher.
8	Lamp 1 operating time warning	Lamp cumulative usage time is the specific value or longer.	Lamp replacement
9	Lamp 2 operating time warning		
10	Lamp 3 operating time warning		
11	Lamp 4 operating time warning		
12	Lamp 1 operating time exceeded		
13	Lamp 2 operating time exceeded	Lamp cumulative usage time is the specific value or longer.	
14	Lamp 3 operating time exceeded		
15	Lamp 4 operating time exceeded		
16	Lamp 1 going out	Lamp goes out after turning on.	Executes the lamp turning on processing.
17	Lamp 2 going out		
18	Lamp 3 going out		
19	Lamp 4 going out		
20	Lamp 1 lighting failure	Lamp ignition failure	
21	Lamp 2 lighting failure		
22	Lamp 3 lighting failure		
23	Lamp 4 lighting failure		
24	Lamp 1 not installed	Lamp not installed, or Lamp memory read failure	MAIN POWER ON after the lamp is installed, or Lamp memory initialization
25	Lamp 2 not installed		
26	Lamp 3 not installed		
27	Lamp 4 not installed		
28	AC power supply voltage drop warning (less than 90 V)		
29	Lamp unit cover is not closed	Lamp unit cover is not closed for 1 second or longer.	POWER ON after the lamp unit cover is closed
30	Special filter selected	"SPECIAL" is selected by AIR FILTER sub menu in EXTRA OPTION.	Selects "NORMAL" by AIR FILTER sub menu in EXTRA OPTION.
31	-		

32	Thermosensor disconnected (IN)	Intake air thermosensor is disconnected.	MAIN POWER ON
33	Thermosensor disconnected (OPT)	Optical module (DMD) thermosensor is disconnected.	
34	Thermosensor disconnected (OUT)	Exhaust air thermosensor is disconnected.	
35	Airflow sensor disconnected	Airflow sensor is disconnected.	
36	Air filter is blocked		
37	Internal clock battery replacement	The date is before December 31, 2005 or after January 1, 2036.	Sets the date after the battery is replaced.
38	-		
39	Air filter unit not installed		
40	-		
41	-		
42	-		
43	-		
44	-		
45	-		
46	-		
47	Fan error 19	G·prism fan	Fan normal operation
48	Fan error 1	Power unit fan	
49	Fan error 2	Lamp fan 1	
50	Fan error 3	Lamp fan 2	
51	Fan error 4	Lamp fan 3	
52	Fan error 5	Lamp fan 4	
53	Fan error 6	Ballast fan 1	
54	Fan error 7	Ballast fan 3	
55	Fan error 8	GB·DMD fan	
56	Fan error 9	Exhaust fan (C)C	
57	Fan error 10	Exhaust fan (L)	
58	Fan error 11	Exhaust fan (R)	
59	Fan error 12	R·DMD fan	
60	Fan error 13	Liquid cooling pump (G)	
61	Fan error 14	Liquid cooling pump (B)	
62	Fan error 15	Color prism fan	
63	Fan error 16	Lamp prism fan	
64	Fan error 17	Ballast fan 2	
65	Fan error 18	Ballast fan 4	
66	Shutter error	Shutter error	Shutter ON/OFF
67	Dynamic iris error		
68	Air filter unit error	Air filter cleaning processing time-out	Executes cleaning.
69	2.5 V DC error	The voltage is higher than 120% or lower than 80%.	POWER ON
70	3.3 V DC error		
71	5.0 V DC error		
72	Lamp 1 uninitialization	Lamp EEPROM is not initialized.	Lamp EEPROM initialization
73	Lamp 2 uninitialization		
74	Lamp 3 uninitialization		
75	Lamp 4 uninitialization		
76	-		
77	-		
78	-		
79	-		
80	FPGA1 configuration error		
81	FPGA3 configuration error		DW100* only
82	FPGA2/3 configuration error		DZ12000/D12000* only

83	FLASH ROM error		
84	RAM error		
85	FPGA evolvment error		
86	Lens shift error		
87	Ballast communication error	Fails in the communication with lamp 1 ballast MPU.	POWER ON
88	Ballast communication error	Fails in the communication with lamp 2 ballast MPU.	
89	Ballast communication error	Fails in the communication with lamp 3 ballast MPU.	
90	Ballast communication error	Fails in the communication with lamp 4 ballast MPU.	
91	Optical output restriction for the projector protection	40°C (35°C when ALTITUDE MODE is ON) or higher in ambient temperature at QUAD mode	POWER ON in lower than ambient temperature specified value or sets LAMP SELECT other than QUAD.
92	-		
93	-		
94	-		
95	-		
96	RESIZE setting error		MAIN POWER ON
97	Network CPU communication error		MAIN POWER ON
98	Sub CPU communication error		MAIN POWER ON
99	IIC communication retry 1		
100	IIC communication retry 2		
101	IIC communication retry 3		
102	IIC communication retry 4		
103	IIC communication retry 5		
104	IIC communication retry 6		
105	IIC communication retry 7		
106	IIC communication retry 8		
107	IIC communication retry 9		
108	IIC communication retry 10		
109	IIC communication retry 11		
110	IIC communication retry 12		
111	IIC communication retry 13		
112	IIC communication retry 14		
113	IIC communication retry 15		
114	IIC communication retry 16		
115	A·P.C.Board uninitialization		A·P.C.Board initialization
116	FM·R test failure	RDRAM test error	POWER ON
117	FM·G test failure		
118	FM·B test failure		
119	FPGA1 setting error		
120	FPGA2 setting error		
121	FM communication error	Communication error with FM	MAIN POWER ON
122	WF·Module communication error	Fails in the communication with the geometry IC.	MAIN POWER ON
123	-		
124	-		
125	-		
126	Internal error (Used in main CPU)	All fans have stopped in the factory mode.	POWER ON
127	Internal error (Used in main CPU)	Error Axx has been occurred.	When the error Axx is canceled

■ Note:

- In this projector, must specify option FEh.